

42-003-06620

ANDREWS, SOUTH (WOLFCAMP) FIELD, UNIVERSITY N # 1, 100%, TD: 9206, PBTD: 9160'  
 OPERATIONS: OAP & acid treat all zones.  
 PRESENT STATUS: ppg 5 BO + 5 BW from Wolfcamp zone  
 WO# 991697, AA \$17,000

# FIRST REPORT

- 5/20/81: RUPU (Harvey's) & SDON, prep to POH w/all equip. cc: \$264
- 5/21/81: POH w/rods & broke down wellhead, rel a/c & TOH w/tbg, found hole in 4th jt of 2-3/8" tbg above SN. RU Bell Petr Surveys WL & perf'd 5 1/2" csg w/l JSPF w/select fire, decentralized perf'g gun @ the following intervals: 8738-37-36-8476-74-72-70-67-66-65-64-63-62-61-59-56 & 8455 (17 holes) in 1 run. RD WL & SDON. CT \$3818 cc: \$4082
- 5/22/81: RIH w/csg scraper & bumper sub, CØ & tagged fill at 8781'. POH w/scraper & bumper sub & RU Campbell Testers. SIH w/Baker RBP & FBP & tested tbg in hole, found bad jt abv SN, tested 180 jts 2-3/8" tbg @ 5000 psi below slips & SDON. CT \$1181 cc: \$5263
- 5/23/81: FIH testing tbg, RD Campbell Testers. Set Baker RBP @ 8400' & tested csg to 2000 psi & ck'd out OK. Rel RBP & set @ 8781' & pkr @ 8700'. RU Dowell & acidized perfs w/2000 gals 15% HCL NEA dropping 2 RCN BS every 150 gals ppd, balled out, surged balls off form & finished ppg acid. Flushed w/40 bbls 2% KCL wtr. MAX/MIN TP: 600/600 psi, AIR: 2 BPM, ISIP: 0 psi. Unset pkr & RBP, set RBP @ 8400' & attempted to establish inj rate into new perfs @ 8455 to 8736'. Form press'd up to 1500 psi 8 times. Est inj rate of 1/2 BPM @ spotted 75 gals 15% HCL NEA across perfs (8455-76) & let acid soak f/30 min. Set pkr @ 8425 & acidized perfs w/1500 gals 15% HCL NEA dropping 2 RCN BS every 150 gals, flushed w/35 bbls 2% KCL. MAX/MIN TP: 1900/1650 psi, AIR: 1 BPM, ISIP: 1550 psi, 30 min SIP: 1550 psi. Total load to recover: 392 BWUL. CT \$6392 cc: \$10,757
- 5/24/81: Rel pkr fr 8425', RIH & latched onto Baker RBP @ 8500'. Attempted to release RBP several times but unable to do so. Redressed off RBP & pulled up 10', loaded & circ'd csg w/50 bbls PW, latched onto RBP once more & attempted to release. RBP would not rel & unable to rel pkr off plug. Worked both pkr & RBP. POH & recovered 5 jts (155') of 2-7/8" J-55 tbg. Pkr hanging up in csg collars & having to work thru csg collars. SD f/unit repairs. Total load to recover: 442 bbls. CT \$1326 cc: \$12,083
- 5/25-26/81: SD f/Sunday & holiday. cc: \$12,083
- 5/27/81: POH w/2 stands of 2-7/8" tbg, Baker 5 1/2" FBP & 5 1/2" RBP hung up @ 8283', broke safety jt on pkr & POH w/pkr & tbg leaving RBP & J-latch from retrieving head on RBP control bar & SDON. CT \$969 cc: \$13,000
- 5/28/81: Picked up short-catch overshort w/3-1/16" grappel, BS & RIH after Baker 5 1/2" RBP. Tagged RBP @ 8500', worked OS over Baker J-latch on control bar for RBP, pulled tension on control bar & opened circ'g valve on RBP. Let csg equalize & POH w/all of fish consisting of J-latch & RBP. Picked up Baker 5 1/2" a/c @ 8773' w/12 pts tension, SN @ 8771, 220 jts (6970') 2-3/8" tbg & 58 jts (1783') 2-7/8" tbg + 10' of 2-7/8" subs. Removed BOP & flanged up wellhead & SDON. CT \$4576 cc: \$17,576
- 5/29/81: SIH w/20-125-RHBC-24 acid bbl pp on 199 - 3/4", 84 - 7/8" & 66 - 1" rods, SO & h/o. Total load to recover: 442 BWUL. CT \$530 cc: \$18,106

UNIVERSITY N # 1 (Page 2)

✓  
5/30/81: In unknown hrs ppd 18 BW, well down due to storm damage on the Power  
Company's lines. Load: 424 BWUL. cc: \$18,282  
✓  
5/31/81: In 18 hrs ppd 36 BW. Load: 388 BWUL. cc: \$18,282  
✓  
6/01/81: In 24 hrs ppd 28 BO + 40 BW. Load: 348 BWUL. cc: \$18,282  
✓  
6/02/81: In 24 hrs ppd 33 BO + 33 BW. Load: 315 BWUL. cc: \$18,282  
✓  
6/03/81: In 24 hrs ppd 70 BW. Load: 245 BWUL. cc: \$18,282  
✓  
6/04/81: In 24 hrs ppd 70 BW. Load: 175 BWUL. cc: \$18,282  
✓  
6/05/81: In unknown hrs ppd 14 BW, well down due to storm damages. Load: 161  
BWUL. cc: \$18,282  
✓  
6/06/81: In 24 hrs ppd 70 BW. Load: 91 BWUL. cc: \$18,282  
✓  
6/07/81: In 24 hrs ppd 50 BW. Load: 41 BWUL. cc: \$18,282  
✓  
6/08/81: In 24 hrs ppd 40 BW. Load: 1 BWUL. cc: \$18,282  
✓  
6/09/81: In 24 hrs ppd 40 BW w/no oil. Load: 39 BWOL. cc: \$18,282  
✓  
6/10/81: In 24 hrs ppd 42 BW w/no oil. Load: 81 BWOL. cc: \$18,282  
DROP FROM REPORT UNTIL OPERATIONS RESUME.

SPECIAL REPORTANDREWS PRODUCTION UNIT, ANDREWS, SOUTH (WOLFCAMP), UNIVERSITY N # 1

6/11/81: In 24 hrs ppd 102 BW  
6/12/81: In 24 hrs ppd 108 BW  
6/13/81: In 24 hrs ppd 106 BW  
6/14/81: In 24 hrs ppd 101 BW  
6/15/81: In 24 hrs ppd 97 BW  
6/16/81: In 24 hrs ppd 103 BW  
6/17/81: In 24 hrs ppd 103 BW  
6/18/81: In 24 hrs ppd 102 BW  
6/19/81: In 24 hrs ppd 103 BW  
6/20/81: In 24 hrs ppd 102 BW  
6/21/81: In 24 hrs ppd 104 BW  
6/22/81: In 24 hrs ppd 102 BW w/trace of oil.  
6/23/81: In 24 hrs ppd 101 BW w/trace of oil.  
6/24/81: In 24 hrs ppd 102 BW w/trace of oil.  
6/25/81: In 24 hrs ppd 101 BW w/trace of oil.  
6/26/81: In 24 hrs ppd 91 BW w/trace of oil.  
6/27/81: In 24 hrs ppd 94 BW w/trace of oil.  
6/28/81: In 24 hrs ppd 103 BW w/trace of oil.  
6/29/81: In 24 hrs ppd 104 BW w/trace of oil.  
6/30/81: In 24 hrs ppd 103 BW w/trace of oil.  
7/01/81: In 24 hrs ppd 102 BW w/trace of oil.  
7/02/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/03/81: In 24 hrs ppd 103 BW w/trace of oil.  
7/04/81: In 24 hrs ppd 104 BW w/trace of oil.  
7/05/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/06/81: In 24 hrs ppd 102 BW w/trace of oil.  
7/07/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/08/81: In 24 hrs ppd 104 BW w/trace of oil.  
7/09/81: In 24 hrs ppd 102 BW w/trace of oil.  
7/10/81: In 24 hrs ppd 102 BW w/trace of oil.  
7/11/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/12/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/13/81: In 24 hrs ppd 100 BW w/trace of oil.  
7/14/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/15/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/16/81: In 24 hrs ppd 103 BW w/trace of oil.  
7/17/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/18/81: In 24 hrs ppd 100 BW w/trace of oil.  
7/19/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/20/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/21/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/22/81: In 24 hrs ppd 102 BW w/trace of oil.  
7/23/81: In 24 hrs ppd 101 BW w/trace of oil.  
7/24/81: In 24 hrs ppd 100 BF w/trace of oil.  
7/25/81: In 24 hrs ppd 101 BF w/trace of oil/  
7/26/81: In 24 hrs ppd 100 BF w/trace of oil.  
7/27/81: In 24 hrs ppd 101 BF w/trace of oil.  
7/28/81: In 24 hrs ppd 101 BF w/trace of oil.  
7/29/81: In 24 hrs ppd 102 BF w/trace of oil.  
7/30/81: In 24 hrs ppd 101 BF w/trace of oil.  
8/01/81: In 24 hrs ppd 101 BF w/trace of oil.

ANDREWS, SOUTH (WOLFCAMP), UNIVERSITY N # 1 (100%), TD: 9206, PBD: 9160'  
OPERATIONS: Cement squeeze Faskin Wolfcamp zone (8455-76').  
PRESENT STATUS: 90 BW w/trace of oil  
WO # 930567, AA \$15,000

FIRST REPORT

8/01/81: RUPU (Harvey's), POH w/rods & pp & SDON. cc: \$618  
8/02/81: POH w/tbg & a/c & SDON. CT \$829 cc: \$1447  
8/03/81: SD f/Sunday. cc: \$1,447  
8/04/81: RIH w/RBP & pkr on tbg, set RBP @ 8647' & tested tools & tbg to 3000 psi. Spotted 3 sxs sand on RBP, raised pkr to 8000', washed by pkr & left pkr swinging free & SDON. Prep to cmt squeeze FWC perfs 8455-8476'. CT \$1181 cc: \$2628  
8/05/81: Lowered pkr to 8156', loaded annulus, established injection rate @ 2 BPM @ 1500 psi, mixed & ppd 100 sxs Class "H" cmt as follows: ppd 50 sxs cmt containing 2# salt & 5# sand per sx & tailed in w/50 sxs Class "H" neat cmt. Had walking squeeze to 2700 psi, no flowback. Reversed out cmt, raised pkr to 7850', repressured to 2000 psi & WOC 4 hrs. Released pkr & POH w/tbg & pkr. SDON. Prep to drill out cmt. CT \$7139 cc: \$19,763  
8/06/81: RIH w/4-3/4" bit, 6 - 3 1/2" DC's on 2-3/8" & 2-7/8" tbg. Tagged TOC @ 8150'. RU reverse drilling equipment & started drilling out, had reverse unit problems, SDON. CT \$2194 cc: \$11,957  
8/07/81: Finished drlg firm cmt to 8475'. Tested csg to 800 psi for 30 min, held OK. Reversed sand off RBP & RD rev. unit. SDON. CT \$2644 cc: \$14,601  
8/08/81: POH w/tbg, DC & bit. RIH w/ret head on tbg, SOH w/RBP & tbg & SDON. CT \$1071 cc: \$15,772  
8/09/81: SD f/weekend cc: \$15,772  
8/10/81: SD f/weekend cc: \$15,772  
8/11/81: FOH w/RBP. RIH w/anchor catcher, SN , 220 jts 2-3/8" tbg & 58 jts 2-7/8" tbg + 10' x 2-7/8" tbg subs. a/c set @ 8867' w/12 pts tension, SN @ 8866'. RIH w/20-125-RHBC-24 pp on 200 - 3/4", 89 - 7/8" & 66 - 1" rods, h/o & left well ppg. SDON. CT \$1559 cc: \$17,371  
8/12/81: In 16 hrs ppd 71 BW from Wfcp zone only. cc: \$17,371  
8/13/81: In 24 hrs ppd 34 BW w/no oil.  
8/14/81: In 24 hrs ppd 58 BW w/no oil.  
8/15/81: In 24 hrs ppd 62 BW w/no oil.  
8/16/81: In 24 hrs ppd 52 BW w/no oil.  
8/17/81: In 24 hrs ppd 52 BW w/no oil.  
8/18/81: In 24 hrs ppd 51 BW w/no oil.

8/25/81: In 24 hrs ppd 55 BW w/no oil.  
8/26/81: In 24 hrs ppd 57 BW w/no oil.  
8/27/81: In 24 hrs ppd 58 BW w/no oil.  
8/28/81: In 24 hrs ppd 60 BW w/no oil.  
8/29/81: In 24 hrs ppd 59 BW w/no oil.  
8/30/81: In 24 hrs ppd 57 BW w/no oil.  
8/31/81: In 24 hrs ppd 60 BW w/no oil.  
9/01/81: In 24 hrs ppd 59 BW w/no oil.  
9/02/81: In 24 hrs ppd 57 BW w/no oil.  
9/03/81: In 24 hrs ppd 66 BW w/no oil.  
9/04/81: In 24 hrs ppd 61 BW w/no oil.  
9/05/81: In 24 hrs ppd 59 BW w/no oil.  
9/06/81: In 24 hrs ppd 60 BW w/no oil.  
9/07/81: In 24 hrs ppd 58 BW w/no oil.  
9/08/81: In 24 hrs ppd 62 BW w/no oil.  
9/09/81: In 24 hrs ppd 60 BW w/no oil.  
9/10/81: In 24 hrs ppd 59 BW w/no oil. cc: \$17,371  
9/11/81: In 24 hrs ppd 58 BW. cc: \$17,371  
9/12/81: In 24 hrs ppd 59 BW. cc: \$17,371  
9/13/81: In 24 hrs ppd 58 BW. cc: \$17,371  
9/14/81: In 24 hrs ppd 60 BW. cc: \$17,371  
9/15/81: In 24 hrs ppd 60 BW w/no oil. cc: \$17,371  
9/16/81: In 24 hrs ppd 59 BW w/no oil. cc: \$17,371  
9/17/81: In 24 hrs ppd 1 BO + 59 BW. cc: \$17,371  
9/18/81: In 24 hrs ppd 1 BO + 54 BW. cc: \$17,371

LAST REPORT

*Shel*  
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