

RECEIVED

COMPANY OPERATED

SEP 06 '88

DRILLING WELLS

O. C. D.
ARTESIA OFFICE

EROG - COOK #1-20
DIAMOND "L" PROSPECT
1650' FNL & 1980' FWL
SEC.20 T2S R23E
ENR - 81A - 25.00%WI
EROG - 11.167% WI

PID: 3,900'
Contr: Pace Drilling
Spud: 2-25-82
Csg:

- 04-13-82 Swabbed back 22 bbls, cannot lower fluid level. RD due to weather. POOH w/packer set CIBP at 810', RIH & perforated 773' - 76' - 81' - 88' - 90' 2 SPF.
- 04-14-82 RIH w/packer set at 695'. Swabbed well 1 run. no fluid. POOH w/packer. Spotted 65 gals 15% NE acid across perms. POOH w/tbg. RIH w/packer & set at 695'. Acidized w/a total of 5000 gals 15% NE acid & 40 ball sealers. Broke down at 3400 psi. AIR at 5 BPM at 1500 psi. Balled off at 4600 psi. Flowed & swabbed back 60 BLW. Lack 74 BLW. No show of oil or gas. FFL at seating nipple.
- 04-15-82 SI 14 hrs. SITP 800 psi. Bled to 0 in 40 mins. Making formation gas. RIH w/swab. No fluid. Slight blow throughout day. left open to pit overnight on an 8/64" choke.
CWC \$364,618
- 04-16-82
thru SI for weekend.
04-19-82
- 04-20-82 SI 60 hrs. SITP 20 psi. RU swab. IFL at 550', Made 2 swab runs Rec 1½ BLW. No fluid entry during the rest of the day. Lack 72.5 BLW.
CWC \$368,000
- 04-21-82 SI 14 hrs. SITP 20 psi. RU swab. No fluid in the hole, Waited 4 hrs. No fluid in the hole. POOH w/packer. RIH w/tbg.
CWC \$369,000
- 04-22-82 Released workover rig. WO approval to P&A.
CWC \$369,000

*toe Stede: I did not find a plugging report
on water analysis in my file -*

J. Stangford

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- 03-20-82 Depth 4,401' LI & SH, plugging back to temp abandon, Granite wash, MW 10.4 V 48 WL 15, 3 hrs. pulling out of hole to top of drill collar, 2 hrs. stand back DCs & break down test tools, rec. 180' drilling mud from a DST, 1½ hrs. load out test tools, 1½ hrs. GIH w/DCs, 5 hrs. WOO, 2½ hrs. LD DCs, 4½ hrs. GIH w/DP to 4,363', 2 hrs. WO Halliburton, ½ hr. RU Halliburton to cmt. 1 hr. clean suction on pump #1, ½ hr. spot first 35 sxs plugs Class "H" type cmt. at 4,363'.
CWC \$312,002
- 03-21-82 Depth 4,401' SH & LI & Granite wash, RD RT, 6 hrs. Plug back hole, 2nd plug 35 sxs Class "H" 3,708' - 3,608' LD 12 stands of DP, 3rd plug 35 sxs Class "H" 2,961' - 2,861' LD 27 stands & 1 single, 4th plug 35 sxs Class "H" 1,311' - 1,211', 3 hrs. pull & finish LD DP in hole & in derrick, 1½ hrs. ND stack & strip cellar, release rig at 4:30 pm MST 3-20-82, 13½ hrs. RD RT.
CWC \$322,618
- 03-22-82 WO completion unit.
- 03-23-82 WO completion unit.
- 03-24-82 WO completion unit.
- 03-25-82 WO completion unit.
- 03-26-82 WO completion unit.
- 03-27-82 WO completion unit.
- 03-28-82 WO completion unit.
- 03-29-82 WO completion unit.
- 03-30-82 WO completion unit.
- 03-31-82 WO completion unit.
- 04-01-82 WO completion unit.
- 04-02-82 WO Completion unit.
- 04-03-82
thru WO completion unit.
- 04-05-82
- 04-06-82 WO completion unit.
- 04-07-82 Setting dead men. Will MI completion unit today.
CWC \$322,618

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ENR 81A - 25.00% WI
EROG - 11.167% WI

PTD: 3,900'

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Contr: Pace Drilling

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Csg:

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*INDONESIA OFFICE

- 03-10-82 Depth 3,649' made 205', Abo red SH, drlg, MW 9.9 V 36 WL-NC, Bit #4RR made 561'/53½ hrs. 23 hrs. drlg, ½ hr. RS, ¼ hr. TOTCO surv. at 3,583' - ¼°, ¼ hr. clean suction on pump #1.
CWC \$211,816
- 03-11-82 Depth 3,720' made 71'/24 hrs. SH & LI, logging, MW 10.2 V 52 WL 15, Bit #4RR made 61'¼ hrs. 7½ hrs. drlg, 7½ hrs. trip, 2½ hrs. logging, ½ hr. RS, 3 hrs. circ. ¼ hr. surv. at 3,720' - ½°, 3¼ hrs. repairs to brake.
CWC \$219,631
- 03-12-82 Depth 3,767' made 47', SH, drlg, MW 10.2 V 34, Bit #5 made 47', 5½ hrs. drlg, 5 hrs. trip, 6 hrs. logging, 4 hrs. WOO, 1 hr. jet pit, 2 hrs. break circ. wash to btn. 30', ½ hr. RS. logged from 3,649' to 1,200', 3,739' to 1,260' wireline TD 3,742'.
CWC \$238,396
- 03-13-82 Depth 3,905' made 138', SH & LI, drlg, MW 10.2 V 41 WL 28, Bit #5 made 185'/29 hrs. ½ hr. RS, 23½ hrs. drlg.
CWC \$242,053
- 03-14-82 Depth 4,072' made 167', SD & SH & LI, drlg, MW 10.2 V 40 WL 16, ½ hr. RS, 23½ hrs. drlg.
CWC \$250,689
- 03-15-82 Depth 4,212' made 140', SH & granite wash, drlg, MW 10 V 44, Bit #5 made 492'/76 ¾ hrs. 23½ hrs. drlg, ½ hr. RS, ½ hr. repair drawwork.
CWC \$258,163
- 03-16-82 Depth 4,363' made 151', SH & LI & Granite wash, drlg, Bit #5 7 7/8" 212-113 in at 3,720' made 643'/97 ¾ hrs. ½ hr. RS, 1½ hrs. repair to pump #1 & drawworks, ¼ hr. clean suction, 22 hrs. drlg.
CWC \$266,161
- 03-17-82 Depth 4,401' made 38', SH & LI & GW, POOH w/DP, MW 10.5 V 50 WL 15, Bit #5 made 681'/105½ hrs. ½ hr. RS, 7 ¾ hrs. drlg, 3 ¾ hrs. rig repair, ¼ hr. TOTCO, 4 hrs. C&C hole, 3 ¾ hrs. 20 stands short trip, 4 hrs. TOOH.
CWC \$274,672
- 03-18-82 Depth 4,401' MW 10.5 V 52 WL 15, electric log from 4,401'. RD Schlumberger. TIH w/bit to C&C mud. POOH to PU Halliburton DST tools. RIH w/DST to test this pm. ½ hr. RS, 2 hrs. TOOH, 4 hrs. electric log, 6 hrs. WOO, 5 hrs. TIH 6½ hrs. C&C.
CWC \$293,172
- 03-19-82 Depth 4,401', SH & Granite wash, POOH w/test tools, MW 10.4 V 50 WL 15, ¼ hr. trip, 2 hrs. slip & cut drlg line, ½ hr. unload test tools, 2½ hrs. PU & make up test tools, 1½ hrs. WO long bales, ¼ hr. change out bales, 4½ hrs. DFT #1 at 4,305' - 4,410' wireline measurements net 105', ½ hr. unseat packer & LD test head dixon, DST #1 15 min. preflow open tool w/fair blow continuous throughout 60 min. initial shut in 60 min. final flow open tool w/weak flow continuous throughout 120 min. final SI. No hydrocarbon to surface during test period.

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INTERM. OFFICECOMPANY OPERATEDDRILLING WELLS

EROG - COOK #1-20
 DIAMOND "L" PROSPECT
 1650' FNL & 1980' FWL
 SEC.20 T2S R23E
 ENR - 81A - 25.00% WI
 EROG - 11.167% WI

PTD: 3,900'
 Contr: Pace Drilling
 Spud:
 Csg:

03-04-82 Depth 1,484' made 224', red SH, MW AIR, Bit #RR3 7 7/8" J-33 in at 1260', made 224'/3 hrs., 3 hrs. WOC ½ hr. RS, 2½ hrs. cut off 8 5/8" csg at ground level weld on collar, 5½ hrs. NU BOP stack consist of 12" series 900 double manuel shaper & 12" series 900 cherokee rotate head, 3½ hrs. TIH, 1 hr. test BOP to 1,000 - OK, ½ hr. blow hole, ½ hrs. dry hole, 1½ hrs. wash mousehole back to btm. 1½ hrs. drlg cmt, 3 hrs. drlg formation.

Casing Report

1	8 5/8" Howco Guide Shoe	1.20'
1	8 5/8" OD 24# J-55 STC	40.46'
1	8 5/8" Howco Float Collar 24#	2.65'
29	8 5/8" OD 24# J-55 STC	1214.35'
	Casing Seat at:	1258'
	Top of Float Collar:	1215

CWC \$143,536

03-05-82 Depth 2,066' made 582', drlg, Bit #3 made 806', 7½ hrs. drlg, 6½ hrs. trip RS, 9 hrs. WO rotating head.

03-06-82 Depth 2,961' made 891', drlg, SH, MW AIR, Bit #3, 17½ hrs. drlg, ½ hr. RS, ½ hrs. surv. 2,191' - 1°, 2,716' - 1°, ½ hr. remove parted rubber in totating head, 2 hrs. repair rotary chain, 2 hrs. power plant, 1 hr. rotary barings.
 CWC \$178,920

03-07-82 Depth 3,012' Abo SH, top of Abo 2,920', MW AIR, Bit #3, ½ hr. rig up. 4½ hrs. drlg, ½ hr. RS, 7½ hrs. blow hole dry, 5½ hrs. mix LCM, 3½ hrs. trip, 1 hr. remove heady ½ hr. nipple down blow line, ½ hr. spot mud pill.

03-08-82 Depth 3,184' made 96', Abo red SH, drlg, MW 9.1 V 33, Bit #3RR made 1828'/36½ hrs. Bit #4RR made 96'/7 hrs. 7 hrs. drlg, ½ hr. surv. 3,088' - ½°, 9 hrs. trip, ½ hr. RS, 1½ hrs. ND rotatinghead, 4½ hrs. rebuild flow nipple & reline flowline to working pit, 1 hr. ream hole 60' to btm.
 CWC \$201,490

03-09-82 Depth 3,444' made 260', Abo red SH, drlg, MW 10.3 V 37, Bit #4RR made 356'/30½ hrs. ½ hr. RS, 23½ hrs. drlg.
 CWC \$207,086

ANY OPERATED

DRILLING WELLS

PTD: 3900'

Contr: Pace Drilling

Spud: 02-25-82

Csg: 13 3/8" @ 300'

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- COOK #1-20
ND L PROSPECT
FNL & 1980' FWL
20 T2S R23E
CA CO., NM
81A - 25.00% WI
- 11.167 % WI

- 6-82 Depth 122', made 122', SD & SH, drlg, MW 8.4 V 35, 13 hrs. rig up, 10 hrs. drlg, 1 hr. TOH bit plug.
CWC \$42,105
- 7-82 Depth 300', Anhy & dolo, 13 3/8" surface csg. MW 8.8 V 29, Bit #1 made 300'/28 hrs. 18 hrs. drlg, 1/2 hr. RS, 2 hrs. circ. hole, 1 hr. trip, 2 1/2 hrs. RU & run csg.
CWC \$47,230
- 8-82 Depth 300', SH & LI, WO 11" bit, 1/2 hr. run 13 3/8" csg. 1/2 hr. RD csg crew, 3/4 hrs. RU Halco to cmt. & circ. 1/4 hr. wash last jt. down set at 298' KB, FC at 275' KB, 1/2 hr. pump 30 bbls FW pad - 250 sxs "C" w/1/4# Flo seal 100 sxs "C" w/2% CCL at 1428 1.32 SY displaced w/43.8 bbls FW; circ. 135 sxs to surface.
CWC \$75,817
- 1-82 Depth 576' made 276', dolomite, MW AIR, Bit #2 made 276'/13 hrs. 1/2 hr. RS, 3 1/2 hrs. WO bit, 2 hrs. TIH, 1 1/2 hrs. pressure up on csg. & BOP 2-1000# - OK. 1/2 hr. blowing hole, 1/2 hr. drying hole, 2 1/2 hrs. drlg plug cmt. & float, 13 hrs. drlg formation.
CWC \$83,393
- 4-82 Depth 1,186' made 610', drlg, Bit #2, 22 1/2 hrs. drlg, 1/2 hr. RS, 2 1/2 hrs. TOTCO, 1/2 hr. change to mist, 1/2 hr. compressor down, TOTCO ran 781' - 3/4°.
CWC \$98,371

- COOK #1-20
 AND L PROSPECT
 FNL & 1980' FWL
 0 T2S R23E
 A CO., NM
 1A - 25.00% WI
 - 11.167 % WI

Contr: P Drilling
 Spud: 02 32
 Csg: 13 3, @ 300'

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 CWC \$42,105
- 82 Depth 300', Anhy & dolo, 13 3/8" surface csg. MW 8.8 V 29, Bit #1 made 300'/28 hrs. 18 hrs. drlg, 1/2 hr. RS, 2 hrs. circ. hole, 1 hr. trip, 2 1/2 hrs. RU & run csg.
 CWC \$47,230
- 3-82 Depth 300', SH & LI, WD 11" bit, 1/2 hr. run 13 3/8" csg. 1/2 hr. RD csg crew, 3/4 hrs. RU Halco to cnt. & circ. 1/2 hr. wash last jt. down set at 298' KB, FC at 275' KB, 1/2 hr. pump 30 hbbls FW pad - 250 sxs "C" w/1/2# Flo seal 100 sxs "C" w/2% CCL at 1428 1.32 SY displaced w/43.8 hbbls FW; circ. 135 sxs to surface.
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 CWC \$83,393
- 2-82 Depth 1,186' made 610', drlg, Bit #2, 22 1/2 hrs. drlg, 1/2 hr. RS, 2 1/2 hrs. TOTCO, 1/2 hr. change to mist, 1/2 hr. compressor down, TOTCO ran 781' - 3/4".
 CWC \$98,371
- 3-03-82 Depth 1,260' made 74', dolomite, cnt. 8 5/8", MW AIR Mist, Bit #2 11" HTC J-55 x 2839 in at 300 out at 1260 made 960'/39 1/2 hrs. 4 hrs. drlg, 1/2 hr. RS, 3 1/2 hrs. blow hole WO loggers, 3 hrs. TOH, 3 1/2 hrs. ran log gamma ray neutron CN-FDC, drlg from 1259' - 298 TD 1,264', 2 1/2 hrs. RHH, ID 8" DC, 1 1/2 hrs. ND BOPs, RU csg. crew, 1 1/2 hrs. WO cement & guide shoe, 2 1/2 hrs. ran csg. guide shoe + 30 jts. 8 5/8" 24# J-55 ST&C set at 1,258' 1/2 hr. RD csg. crew. 1/2 hr. break circ. 3/4 hrs. cement 450 sxs HOWCO + 300 sxs Class "C" + 2% CaCl. plug down 6:00 am. circ. 150 sxs.
 CWC \$130,507

03-04-82 Depth 1,484' made 224', red SH, MW AIR, Bit #RR3 7 7/8" J-33 in at 1260', made 224'/3 hrs., 3 hrs. WOC 1/2 hr. RS, 2 1/2 hrs. cut off 8 5/8" csg at ground level weld on collar, 5 1/2 hrs. NU BOP stack consist of 12" series 900 double manuel shaper & 12" series 900 cherokee rotate head, 3 1/2 hrs. TIH, 1 hr. test BOP to 1,000 - OK, 1/2 hr. blow hole, 1/2 hrs. dry hole, 1 1/2 hrs. wash mousehole back to btm. 1 1/2 hrs. drlg cnt, 3 hrs. drlg formation.

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29	8 5/8" OD 24# J-55 STC	1214.35'
	Casing Seat at:	1258'
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