

SUPPLEMENTAL COMPLETION REPORT  
DAGGER DRAW SWD NO. 1  
1495' FNL & 225' FWL, SEC 22, T19S, T25E

DATE:

Nov. 13, 1984      Swabbed CSG to 7300' and spotted Acd 7700'-8000'. Brought FL to 6400' (wire line meas.)

Nov 14, (1st run)   Perf 7806-14. hit FL at plus or minus 5400 coming out of hole (approx 15 min after perforating).

(2nd run)      RlH w/2nd Gun & hit FL at plus or minum 4000' (approx 1 1/2 hr e.t.).

Hit FL at 2300 out of hole (approx 3/4 hr e.t.).

(3rd run)      Made 3 rd run & hit fluid in @ 1900' (plus or minus 1 hr. e.t.). Guns did not fire.

(4th run)      Made 4th run to perf 7840-7998 - hit fluid @ plus or minus 450' coming out. (Approx 4 hr e.t.).

Left well SI over nite.

11-15-84      7 a.m. - SICP=840#. Opened well to flow. Flowed well overnight (24 hrs). Well was dead at 7 a.m. 11-16-84 with est 60 BO & 260 BW in two frac tanks. Volume measured by color cut on tape.

11-16-84      After setting CIBP above all perfs, hole was circ w/200 bbl FW. No oil was recovered from displaced wellbore fluid.

Each day after, water was bled of bottom of tanks, and oil volume was later estimated to be 40 bbl.

Finally on 10/14/85 tank was thieved and it contained 2'4" oil (33 bbl by color cut estimate). This oil is still on location.

ENVIRONMENTAL & MINERAL RESOURCES  
OIL CONSERVATION DIVISION

EXHIBIT NO. 6  
CASE NO. 8739  
Submitted by ANADARKO  
Hearing Date 1-8-86

11-19-84

Could not selectively acidize perf  
7806-14 as they had communicated when  
attempting to straddle & acidize  
7830-66 only.

explanatory.

Balance of drilling report is self

## CONSTRUCTION

APC No. 21

DATE: October 17, 1984

ANADARKO PRODUCTION COMPANY  
Daily Well Work Report FormNew Well ☐Conversion ☐Workover ☐Plugging ☐

Flood No.

Lease:

Well No.

Location DAGGER DRAW SWD #1, Dagger Draw Upper Penn. North Field, APC WI 100%, ETD 8100',  
Elev. 3468.1' GL, Elev. 3480.5' KB (KB = 12.5') Loc. 1495' FNL & 225' FWL Sec. 22,  
REPORT: T19s, R25E, Eddy County, New Mexico. Contractor: Sierra Drilling Co., Rig #5  
AFE #2561 (\$420,300) to D, C & E SWD well

10-6-84 Spud 300' (300') MIRURT Spud 17½" hole @ 2:00 AM 10-7-84 with fresh water.

DC \$18,300 CC \$18,300

10-7-84 Cementing 365' (65') Drilled to 365' KB, Dev. ½" @ 365'; TOH w/bit and tools.

Ran 9 jts (365') 13-3/8", 48#, H-40, ST&C, 8RD, Cond A, Rg 3 casing. Set casing  
shoe @ 365' KB w/baffle plate @ 320' KB. Western Co cemented w/500 sx Class H  
cement w/2% CaCl. PD @ 3:00 PM 10-7-84; circulated 100 sx to pit. WOC 16 hrs.

DC \$13,600 CC \$31,900

10-8-84 Drlg 1260' (895') WOC 2 hrs. Drlgd out w/12½" bit. LC @ 520'. Dev. ½" @ 718'  
Dev. ½" @ 938'; RPM - 80, BW - 50,000, PP - 600, 5½" liners, SPM - 46.

DC \$18,000 CC \$49,900

10-9-84 Cementing 1330' (70') Dry drilled to 1330'; pumped 1 hour without returns; TOH w/  
tools and bit. Ran 31 joints (1312') 8-5/8", 24.0#, K-55, ST&C, 8RD, Cond A, Rg  
casing; set type M notched shoe @ 1328' KB & float collar @ 1286' KB. Western Co  
cemented with 450 sx Pace Setter Lite w/10# Hiseal/sx, ½# Celloseal/sx and ¾ CaC  
tailed in w/250 sx Class C cement w/2% CaCl; PD @ 3:00 PM 10-9-84; circulated 250  
sx to pit. B. W. Weaver w/NMOCC witnessed cementing. WOC 16 hrs.

DC \$22,300 CC \$72,200

10-10-84 Drlg 1995' (665') Test COP to 1000# for 15 mins - held OK. WOC 2 hrs. WIH w/7-  
bit (#3). Drlgd shoe @ 9:00 AM 10-10-84. BW - 35,000, PP - 1200, RPM - 55, SPM  
- 56.

DC \$14,600 CC \$86,800

10-11-84 Drlg 2740' (745') Dev. ½" @ 1843', ½" @ 2060', ½" @ 2308' & ½" @ 2550', BW - 40,  
RPM - 60, PP - 1200, SPM - 54, RPM - 55, MW - 8.4, Visc - 28, Ph - 9.5, Chl - 900

DC \$14,200 CC \$101,00

10-12-84 Drlg 3378' (638') Dev. ½" @ 2820', ½" @ 3060', ½" @ 3222', BW - 40,000, RPM - 60  
PP - 1200, SPM - 54, MW - 8.4, Visc - 28, Ph - 8.0, Chl - 3000.

DC \$14,200 CC \$115,20

10-13-84 Drlg 3900' (522') TOH for Bit #4 @ 3492' (10:45 AM to 1:45 PM. CIH w/bit and  
reamer. Dev. ½" @ 3447', ½" @ 3622', BW - 40,000, RPM - 60, PP - 1200, SPM - 52,  
MW - 8.4, Visc - 28, Ph - 10, Chl - 1500.

DC \$10,000 CC \$125,20

10-14-84 Drlg 4450' (550') Dev 1½" @ 4080', 1½" @ 4142' 1½" @ 4298', BW - 35,000, RPM - 60  
PP - 1200, SPM - 52.

DC \$10,100 CC \$135,30

10-15-84 Drlg 4875' (425') Dev. 2" @ 4445', 1½" @ 4537', 2" @ 4630', 2½" @ 4725' & 2" @  
4816', BW - 25,000, RPM - 65, PP - 1200, SPM - 54, MW - 8.4, Visc - 28, Ph - 9,  
Chl - 800.

DC \$8,300 CC \$143,60

APC No. 21

DATE: October 17, 1984ANADARKO PRODUCTION COMPANY  
Daily Well Work Report FormNew Well ☐ Conversion ☐ Workover ☐ Plugging ☐

Hole No. Lease: Well No.

Location DAGGER DRAW SWD #1, Dagger Draw Upper Penn. North Field, APC WI 100%, ETD 8100',  
Elev. 3458.1' GL, Elev. 3450.5' KB (KB = 12.5') Loc. 1495' FNL & 225' FWL Sec. 22,  
REPORT: T19S, R25E, Eddy County, New Mexico. Contractor: Sierra Drilling Co., Rig #5  
AFE #2361 (\$420,300) to D, C & E SWD well

10-16-84	Drlg 5150' (275') TOH for Bit #5 @ 4890' (7:45 AM to 12:45 PM 10-16-84) Dev. 1½° @ 4870', 2° @ 4935' & 1½° @ 5028', BW - 25,000, RPM - 65, PP - 1200, SPM - 57, MW - 8.4, Visc - 28, Ph - 9, Chl - 800.	DC \$6,300	CC \$149,900
10-17-84	Drlg 5520' (370') Dev. 1½° @ 5113', 1½° @ 5204', 1½° @ 5297', BW - 30,000, RPM - 65, PP - 1200, SPM - 57, MW - 8.4, Visc - 28, Ph - 9, Chl - 800.	DC \$8,100	CC \$158,000
10-18-84	Drlg 5760' (240') Dev. 2½° @ 5540', 2° @ 5636', BW - 25,000, RPM - 65, PP - 1200, SPM - 56, MW - 8.4, Visc - 28, Ph - 8.5, Chl - 700.	DC \$4,400	CC \$162,400
10-19-84	Drlg 6174' (414') Dev. 2° @ 5724', 2° @ 5845', 1½° @ 5940' & 1½° @ 6121', BW - 40,000, RPM - 60, PP - 1200, SPM - 56, MW - 8.4, Visc - 28, Ph - 8.5, Chl - 900.	DC \$7,800	CC \$170,200
10-20-84	Drlg 6760' (586') Dev. 1½° @ 6273' & 1° @ 6520', BW - 40,000, RPM - 60, PP - 1200, SPM - 56, MW - 8.4, Visc - 28, Ph - 9.0, Chl - 700.	DC \$11,200	CC \$181,400
10-21-84	Drlg 7257' (497') Dev. 2° @ 7019' & 2° @ 7168', BW - 30,000, RPM - 60, PP - 1200, SPM - 56, MW - 8.4, Visc - 28, Ph - 9, Chl - 700.	DC \$9,600	CC \$191,000
10-22-84	Drlg 7540' (283') Trip for bit #6 @ 7:30 AM 10-22-84, back to drilling @ 3:00 PM 10-22-84. Start mud-up @ 7,500' (4:30 AM 10-22-84). Dev. 1½° @ 7283', BW - 30,000, RPM - 60, PP - 1200, SPM - 56, MW - 8.4, Visc - 28, Ph - 11, Chl - 800.	DC \$5,200	CC \$196,200
10-23-84	Drlg 7870' (330') Make short trip @ 7667 (3½ hr) for hole in DP. Dev. 3° @ 7588' & 2½° @ 7710', BW - 30,000, RPM - 60, PP - 1200, SPM - 56, MW - 8.5, Visc - 38, Ph - 11.5, Chl - 1800, WL - 13.0.	DC \$7,400	CC \$203,600
10-24-84	TD 8120' (250') Drlg to TD (8120') @ 12:30 AM 10-25-84. Circ 2 hrs, TOH. RU		
10-25-84	Schlumberger @ 7:00 AM. Dev. 1° @ 8120'. Log 8128' (0) Schlumberger ran Compensated Neutron-Litho Density (LDT-CNT) from 8126' to Surface (0') & Dual Laterolog (DLL) from 8112' to 2300'. RD Schlumberger. WIH - circ 1 hr. TOH laying down DP. SIH w/5½", 17.0#, K-55, 8Rd, ST&C, Rg 3, Co	DC \$6,500	CC \$210,100
10-26-84	A casing. Run csg & cement 8128' (0') FIH w/193 fts 5½" (8110') + 1 ft (17.5") 15.5#, LT&C	DC \$19,100	CC \$229,200
10-27-84	used as shoe joint w/csg shoe set @ 8126' KB, float collar @ 8108' KB and DV Tool @ 5293' KB - circ 30 mins. Western Co. cemented first stage w/225 sx Pacsetter H Neat and tailed-in w/280 sx Class H + .2% TF-4; PD @ 2:00 PM 10-26-84 - drop bomb to open DV tool. Circ w/rig pump @ 2 bbl per min while WOC 7½ hrs. Western Co cemented second stage w/610 sx Pacsetter C + .5% CF-10 & tailed-in w/w00 sx Class C Neat. PD @ 11:30 PM 10-26-84 - cement did not circulate (formation taking fluid nipple down - make cutoff; jet pits - release rig @ 1:30 AM 10-27-84.	DC \$85,000	CC \$314,200

## CONSTRUCTION

APC No. 21

DATE: \_\_\_\_\_

ANADARKO PRODUCTION COMPANY  
Daily Well Work Report FormNew Well ☐ Conversion ☐ Workover ☐ Plugging ☐

Block No.	Lease:	Well No.
Location	DAGGER DRAW SWD #1, Dagger Draw Upper Penn. North Field, APC WI 100%, ETD 8100', Elev. 3468.1' GL, Elev. 3480.5' KB (KB = 12.5') Loc. 1495' FNL & 225' FWL Sec. 22, T19s, R25E, Eddy County, New Mexico. Contractor: Sierra Drilling Co., Rig #5	
REPORT:	AFE #2361 (\$420,300) to D, C & E SWD well	
0-27-84	FBTD 5163' Bennett-Cathey ran T* Survey and found cement top @ 600', FBTD @ 5163' DC \$800 CC \$315,000	
0-29-11-7	Wait on completion.	
1-5-84	PBTD 5184' RUPU; installed BOP; WIH with 4½" bit and 8 3½" DCs on 2-3/8", K-80 TB Tagged up @ 5184'. Prepare to drill DV tool. SD. DC \$4,500 CC \$319,500	
1-9-84	Drlg DV tool PBTD 8108' Drlgd cement & DV tool; went to bottom and tagged up @ 8108'. Hooked up swab and started swabbing casing down. Swabbed fluid down to 1500'. SD for dark. DC \$3,800 CC \$323,300	
1-10,11-84	Shut down for weekend.	
1-12-84	Swab PBTD 8108' Swabbed casing down to 5500'. SD. DC \$1,400 CC \$324,700	
1-13-84	PBTD 8108' Riggged up CRC wireline. Ran GR/CCL from 8100' to 7500'. Fluid level in casing at 6400'. WIH with perf gun and perforated top of Cisco from 7806-14. Had blow on casing. Fluid level at 5400' when coming out of hole. WIH with second perf gun. Found fluid at 4000' and had 100# on casing. Perforated 7830-40. Fluid at 2300' when coming out of hole. Had 200# on casing. Made 3rd run and guns did not fire. Fluid level A 1900' with 300# on casing. Finished perforating Cisco from 7840-52, 7860-66, 7920-30 and 7980-98 @ 4 SPF with 4" cased hole guns. Total of 64' @ 4 SPF - 256 holes with .45" diam. Fluid level at 450' with 800# on csg when finished. Flowed gas off casing at approx 30 MCF for 2 hrs with a little of coming back with gas. SI @ 740#. DC \$9,500 CC \$336,50	
11-15-84	PBTD 8108' At 7:00 AM 11-15-84 SICP = 840#. Flowed 60 BO + 260 BW in 24 hrs. A 7:00 AM 11-16-84 well was dead. Pumped 33 BFW & loaded hole - prepare to acidize DC \$900 CC \$337,40	
11-16-84	PBTD 8108' WIH w/RBP and pkr. Set RBP above all perfs. Circulated hole clean w fresh water. Unset RBP and it would not go down hole. RBP was malfunctioning. TOH. WIH with another RBP and pkr. SD. Prepare to acidize. DC \$4,500 CC \$341,90	
11-17-84	Acidize PBTD 8108' Straddled perfs: 7980-98; Dowell acidized with 3600 gals 20% NEFE acid and 150 BS. ARAP = 5 BPM @ 3200#; Max P = 5200# on ball out. ISDP = V Straddled perfs: 7920-30' and acidized with 2000 gals 20% NEFE acid and 80 BS. ARAP = 5.5 BPM @ 3170#; Max P = 5000# @ ball out; ISDP = Vac. Unset pkr and tried to retrieve RBP. Pumped 150 bbls water down backside @ 6 BPM and could not circulate balls off RBP. No fluid returns. TOH w/pkr. WIH with retrieving tool; pumped 8 BPM @ 400# and broke circulation after 140 bbls pumped. Had 1/8 BPM returns. Could not get BS off RBP after pumping 300 bbls water. Returns never increased above 1/8 BPM. TOH w/retrieving tool. SD. BLWTR = 700. DC \$11,800 CC \$353,70	
11-18-84	PBTD 8108' WIH w/retrieving tool and a Bull Dog Bailer. Set on RBP and bailed balls off RBP in 4 strokes of bailer. TOH w/RBP. WIH w/RBP & pkr. RBP would not	

DATE: December 13, 1984

ANADARKO PRODUCTION COMPANY  
Daily Well Work Report FormNew Well ☐Conversion ☐Workover ☐Plugging ☐

Flood No.

Lease:

Well No.

Location DAGGER DRAW SWD #1, Dagger Draw Upper Penn. North Field, APC WI 100%, ETD 8100', Elev. 3468.1' GL, Elev. 3480.5' KB (KB = 12.5') Loc. 1495' FNL & 225' FWL Sec. 22, T19S, R25E, Eddy County, New Mexico. Contractor: Sierra Drilling Co., Rig #5  
 REPORT: AFE #2361 (\$420,300) to D, C & E SWD well

set; TOH; found cut up BS stuck in RBP. WIH with another RBP and pkr. Straddled perfs from 7830 to 7866. Began to acidize but Dowell pump got locked in gear; cou

not field fix. Flushed 12 bbls acid away. SD @ 7:00 PM 11-18-84. At 6:00 AM 11-19-84 - acidized w/5600 gals 20% NEFE acid + 225 BS (communicated w/perfs @

7806-14); AFAP = 6 BPM @ 2600#; Max P = 3700# with good ball action. ISDP = Vac. (Lost acid - BLWTR = 170) Total BLWTR = 870. Straddled all perfs & prepare to

swab.

DC \$8,000

CC \$361,700

11-19-84. PBTD 8108' Ran swab and found fluid @ 1000'. Swabbed back 100 BLW in 6 hrs. Fir

fluid level @ 1300'. Unset pkr and RBP; TOH laying down 2-3/8" tbg. Prepare to 3 1/2" tbg. BLWTR = 770. (Note: Fluid level dropped to 1300' & stabilized after th

third run).

DC \$5,400

CC \$367,100

11-20-84 PBTD 8108' Finish in hole with tbg. Pumped casing volume with chemical & fresh

water. Set Arrowset I J-lok pkr @ 7772' KB on 246 jts 3 1/2" EUE, J-55, 9.3# plastic lined tubing. Loaded backside with chemical & FW, tested casing to 500# - held O.

Hooked up wellhead. Bennett ran tandem 72 hr clocks; clocks started @ 1:25 PM - bottom @ 2:04 PM. Started pumping @ 2:58 PM. Pumped 2300 bbls total fluid @ 7 E

Pressure began at 200 psi and leveled off at 450# after 1000 bbls. Had two incre of 20 & 30# wher switched to frac tank with some fresh water in it and when 2 loa

of FW was delivered. Most water was produced from Osage. Final pump pressure @ 500#. Finished pumping @ 8:33 PM. ISDP = Vac. SI. Left valve cracked open to

tbg fluid level stabilize.

DC \$77,000

CC \$446,600

Produced Water

1-5-85 Commenced water injection from Matlock #1 and Bradshaw #1.

FINAL REPORT