



8-5-93

**STATE COM J #6**  
**SAN JUAN OU**  
**CURRENT COMPLETION**

**SURFACE CASING**  
10 3/4" @ 221'  
150 SACKS CEMENT  
TOC: N/A

KB: 5930'  
GLE: 5922'

SQUEEZE 612-642'  
WITH 300 SXS CEMENT

**PRODUCTION CASING**  
7", J-55, 20.0/23.0# @ 4444'  
455 SACKS CEMENT  
TOC: N/A

**MESA VERDE**  
4493-5191'

**TUBING**  
2 3/8" @ 5146'

**PRODUCTION CASING**  
5", J-55, 15.0# @ 5200'  
100 SXS CEMENT  
TOC: 4610' (TS)

PBTD: 5195'  
TD: 5211'

cc: Central Records  
Acctg.  
Div. Mgr. 2/7/78  
D & M M & M  
J. Archer  
W.I. Owner-EPNG

ADD TO WELL RECORD

WORKOVER

STATE COM J #6  
San Juan County,  
New Mexico

- 2/2/78 MI & RU Pulling Unit. ND Tree & installed BOP, TOH w/tbg. Btm  
jt of tbg had 3'plug in btm (sand - fmt. - pieces of BP).  
SDON.
- 2/3/78 RU Howco & killed well. Ran tbg w/notched collar, set down  
@ 5146'. Pushed junk from 5146 to 5195', picked up & hung tbg  
@ 5146' KB. 167 jts., F Nipple (1.81" ID) 1 jt w/notched  
collar on btm.  
ND BOP, Installed tree, put well on production.  
Released Pulling Unit @ 1:30 P.M., 2/3/78.

FINAL REPORT

NO. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
OPERATOR	1

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

RECEIVED

JUN 17 1977

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-5317, 5115, 453 & B-10938
7. Unit Agreement Name
8. Farm or Lease Name State Com J
9. Well No. 6
10. Field and Pool, or Wildcat Blanco
12. County San Juan

## SUNDRY NOTICES AND REPORTS ON WELLS

ASIA. PROD.

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER-

Name of Operator

Mesa Petroleum Co.

Address of Operator

P.O. Box 2009, Amarillo, Texas 79105

Location of Well

UNIT LETTER L 1650 FEET FROM THE South LINE AND 990 FEET FROM

THE West LINE, SECTION 36 TOWNSHIP 31N RANGE 9N NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

5922' KB

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐

REMEDIAL WORK ☒  
COMMENCE DRILLING OPNS. ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐

OTHER ☐

Copy already in file

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Summary of work done 5/20/77 through 5/25/77:

Moved in pulling unit for clean-out job. Pulled tubing, cleaned out sand, cement, hit down solid @ 5016'. Ran sand line drill and drilled out bridge plug. Ran tubing & cleaned out metal pieces and sand to 5195'. Swabbed well on, cleaned up, turned back to sales line.

NOTE: Perforated interval 5035-55', 5069-91', 5105-47', 5183-91' was fracture treated as part of recompletion in May, 1960. After treatment, interval was isolated with bridge plug @ 5016'. Bridge plug was not drilled out during the 1960 recompletion. Perforations from 5035' to 5191' have therefore not been open to production until this time.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED S.E. Dobler S.E. Dobler TITLE Drlg & Prod Supervisor DATE June 9, 1977

APPROVED BY R. Hendrick TITLE SUPERVISOR DIST. #3 DATE JUN 13 1977

CONDITIONS OF APPROVAL, IF ANY: XC: NMOCC (3), EPNG, Denver Office, J. Archer, D & M, M & M

C: Central Records  
13/17 Acctg D & M  
Div Mgr M & M  
Archer W.I. Owners

ADD TO WELL RECORD

WORKOVER

State Com #6  
San Juan County, N.M.

5/20/77 RU wireline truck, ran plug, set in "F" nipple. Blew tbg down. MI Big A Well Service pulling unit & RU. Disassembled wellhead & RU BOP's. Pulled 2 3/8" tbg OOH.

RU Halliburton, pumped wtr down csg to kill well. RU & ran wireline drill to drill out plug. Drilled on plug for an estimated 1 1/2 hours.

Prep to complete drilling today.

5/21/77 Wellhead pressure = 350 psi. RU Halliburton, killed well, drld on plug. Pump on drlg tool tore up. SDON for repairs.

5/22/77 Wellhead pressure = 550 psi. RU Halliburton, killed well, drld on plug. Moved plug down 25' - would not go any deeper. Opened well to pit to try & blow sand out from under plug. Killed well, ran wireline drlg tool to push plug to btm. Could not make any hole. SD until Monday.

5/24/77 RU kill truck to kill well. Ran sand pump - 5 runs - made 4'. Ran tbg IH, tagged btm @ 5051', circulated down tbg, pushed plug down hole to 5195'. Set donut w/167 jts 2 3/8" tbg, Baker "F" nipple in top of btm jt. Tbg set @ 5177' KBM. SDON.

5/25/77 RU to swab well in. Ran swab 5 runs, RD pulling unit. Released rig @ 1 P.M. 5/24/77. Well on compressor.

FINAL REPORT

AC: Central Records  
Acctg  
12/14/76 Div Mgr  
W.I. Owners - EPNG  
D & M M & M  
Acker

ADD TO WELL RECORD

WORKOVER

State Com J #6  
San Juan Co., N.M.

- 12/7/76 Moved in Farmington Well Service, RU pulling unit. RU wireline unit. Ran tbg plug 4974'. Tbg would not blow down. Ran #2 plug to 1000' - tbg still had light blow. Pulled plugs.
- RU Dowell to kill well. Pumped 547 bbls wtr, installed BOP & stripper head. Ran tbg plug back in well to 4930' to pull tbg. SDON.
- 12/8/76 RU 7" blow line, POOH, found tbg to be bad. LD 112 jts 2 3/8" tbg. SDON.
- 12/9/76 Unloaded 157 jts 2 3/8" tbg off B. F. Walker's truck. Finished LD tbg - 45 jts.
- Pulled up to perf'd jt, could not get up in wellhd far enough to close BOP's. Called pump truck & wtr truck. RU Dowell, pumped 215 BW to kill well. LD perf'd jt, sub & bit.
- PU 162 jts off seals & ran IH. Tagged btm @ 4992'. Est'd 204' of fill-up. SDON.
- 12/10/76 Broke out 40 jts that were LD in doubles, PU inline float & 1 jt tbg. Hooked up compressor to pump out plug. Engine went out on compressor. SD for repairs.
- 12/11/76 Cleaned out from 4986-5016' (30'): Dry cmt returns @ 5016', got piece of float collar (aluminum). Blew well clean, pumped 37 BW down tbg to kill well. Took off BOP's, stripper head, installed wellhead.
- RD pulling unit, released rig @ 4 P.M. 12/10/76. Prep to move to Trieb #2 on 12/13/76.

FINAL REPORT

STATE COM J-6  
San Juan County, New Mexico

Spudded: March 11, 1952

10 3/4" casing @ 221'

7" casing @ 4436'

Open hole 4436-5140'

Made 900 Mcf/d natural

Shot with Nitro 4520-5140'

Flowed 23,000 Mcf/d with 146 psi, SIP = 1100 psi

First Gas Sales: August, 1952

Workover - May, 1960:

Squeezed hole in casing @ 612-642'. Lost fish in open hole, squeezed open hole with 300 sacks. Set whipstock @ 4562' & redrilled from 4562-5200'. Set 5" casing @ 5200' with 100 sacks cement. Top of cement @ 4610'. Drilled out to 5211' (by mistake). Set CIBP @ 5196'.

Perforated: 5035-55'

5069-91'

5105-47'

40 x 40 Frac Job (1)

5147-72'

5183-91'

Set BP @ 5021'

Perforated: 4907-21'

4936-5010'

80 x 80 Frac Job (2)

Set BP @ 4875'

Perforated: 4689-4715'

4732-49'

40 x 20 Frac Job (3)

4787-4845'

Set BP @ 4665'

Perforated: 4493-98'

4507-15'

4528-35'

40 x 20 Frac Job (4)

4550-4628'

4638-45'

Tested (4) at rate of 1756 Mcf/d. Drilled out BP at 4665'.

Tested (4) and (3) at rate of 3221 Mcf/d. Drilled out BP at 4875'.

Tested (4) and (3) and (2) at rate of 30,000 Mcf/d estimated.

Completed with tubing - bit, etc in hole at 4986'.

Perforated tubing with 80 holes 4949-69'. On production May 27, 1960.

State Com J-6

Page 2

Workover - December, 1976:

Killed well with 547 barrels water, pulled and laid down bad string tubing with bit, etc. Pumped 215 barrels water to kill well. Ran new string of 2 3/8" tubing, cleaned out from 4986-5016' (drlg cement & pieces of aluminum). Pumped another 37 barrels water to kill well. ND BOP's and installed tree, put on line.

SED - 5/3/77



PUBCO PETROLEUM CORPORATION  
State #6 Well, L-36-31N-9W

Completion-Workover Summary

<u>Item</u> <u>Date</u>	<u>Description</u>
<u>Completion</u> <u>7/23/52</u>	T.D. 5122 ft. 7" @4436 ft. Gas drilled 4436-5122 ft. Shot Mesaverde open hole 4520-5122 ft. with 1605 qts. of nitroglycerin. Initial AOF 23,000 MCF/day. Initial SIP 1102 psi. Tubing @5064 ft.
<u>Workover</u> <u>5/7/58</u>	Perforated tubing 4607-4610 and 5007-5010 ft. Deliverability before workover, 5/31/57, was 5837 MCF/day. Deliverability after workover, 9/30/58, was 7791 MCF/day.
<u>Workover</u> <u>4/30/59</u>	Perforated tubing 4576-79 ft. and 4942-45 ft. Deliverability before workover, 4/14/59, was 9133 MCF/day. Deliverability after workover, 5/29/59, was 12,484 MCF/day.
<u>Workover</u> <u>5/27/60</u>	Repaired casing leak at 640 ft. and whipstocked new hole to 5200 ft. Set 5 in., 15#/ft. J-55 casing from surface to 5200 ft. and cemented with 100 sacks. Perforated and fraced in four stages as follows with bridge plugs between stages.  Stage 1: Perf. 117 ft. between 5035 and 5191 ft. and fraced with 40,000 gal. water and 40,000 # 20-40 sand. AIR 40.2 BPM.  Stage 2: Perf. 88 ft. between 4907 and 5010 ft. and fraced with 80,000 gal. water and 80,000 # 20-40 sand. AIR 50.3 BPM.  Stage 3: Perf. 101 ft. between 4689 and 4845 ft. and fraced with 40,000 gal. water and 20,000 # 20-40 sand. AIR 33 BPM.  Stage 4: Perf. 105 ft. between 4493 and 4645 ft. and fraced with 40,000 gal. water and 20,000 # 20-40 sand. AIR 33 BPM.  Total: Perf. 411 ft. and fraced with 200,000 gal. water and 160,000 #20-40 sand.

Unable to guage well accurately after clean up due to large volume. Est. 30,000 MCF/day. Through 7" blooey line.

Deliverability before W.O., (4-14-60) 7,038 MCF/day.  
Deliverability after W.O., (10-14-60) 38,347 MCF/day.

September 2, 1964  
CER/m

**FORM C-103**  
(Rev 3-55)

**(Submit to appropriate District Office as per Commission Rule 1106)**

[illegible]

Witnessed by		Position		Company	
		Mr. Prod. Dept.		Fubco Petroleum Corp.	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY					
ORIGINAL WELL DATA					
D F Elev.		T D		PBTD	
5902		5211		5196	
				Producing Interval	
				4493-5191(?)	
				Completion Date	
				5-27-60	
Tubing Diameter		Tubing Depth		Oil String Diameter	
8"		4986		5"	
Perforated Interval(s)		Oil String Depth			
4493-5191 (See detail under "Remarks")		2800			
Open Hole Interval			Producing Formation(s)		
5900-5911, bridge plug at 5196			Macomber		
RESULTS OF WORKOVER					
Test		Date of Test		Oil Production BPD	
Before Workover		4-21-60		2 BOPD	
After Workover		5-27-60		?	
				Gas Production MCFPD	
				"Q" - 4,167	
				"U" - 7030	
				Water Production BPD	
				"Q" - 12,729	
				GOR	
				Cubic feet/Bbl	
				AGIS Well Potential MCFPD	
				23,000 MCFD	
				30,000 (Net)	
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by				Name	
Title				Position	
Date				Company	
JUN 2 1960				Fubco Petroleum Corp.	

## NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>PURCO PETROLEUM CORPORATION</b>		Address <b>108 West Central, Artes, New Mexico</b>			
Lease <b>State</b>	Well No. <b>6</b>	Unit Letter <b>L</b>	Section <b>36</b>	Township <b>31 North</b>	Range <b>9 West</b>
Date Work Performed <b>May (2 - 26) 1960</b>	Pool <b>Elanco Manzanita</b>		County <b>San Juan</b>		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations    ☐ Casing Test and Cement Job    ☒ Other (Explain):  
☐ Plugging    ☒ Remedial Work    **Page 1 of 2**

Drilled in and cased up gas well in 7" casing which was casing gas to escape to surface in Pump Canyon. Pulled 2 7/8" tubing and found leak at 640'. Spurred w/300 sack cement, cleaned out to 5140 and drilled to 5200'. Drill pipe backed off while trying to come out of hole to run liner; dropped drill pipe 90' in shot hole; fished out drill pipe to 4506'; cemented and spurred shot hole w/800 sack regular, 20% sand first stage, 100 sack 20% sand second stage; dressed cement off to 4462', set whipstock at 4462', drilled 6 1/8" hole to 5200'; ran 5" 15# J-55 Spang new seals casing from surface to 5200' KB; cemented casing w/100 sack 50-50 Pozmix, 4% gel, 1/2 sack turplung; tested 5" to 2000'; noted oil entry at 5190' while running liner; drilled out float collar at 5170 and drilled out shoe by mistake. Lost circulation at 5211'. Pulled tubing, logged to check hole depth, set Baker Model "K" bridge plug at 5196'. Perforated first stage w/2 3/8-ga. jets/ft. 5191-83, 5172-47, 5147-05, 5091-69, 5055-35; fraced 5035-5191, lower Pt. Lockout and Munroe w/40,000 gal. water and 40,000# 20-40 sand at 1 1/2/gallon with 40.2 BPM injection rate, bdp - 3000-1800#; treated at 1700-2000#; eq. 100' at 5021'. Second stage basal Munroe-upper Pt. Lockout; perforated 5018-4936, 4921-4907, fraced w/80,000 gallons water, 80,000# 20-40 sand, 1.1 1/2/gallon, 30.3 BPM, injection rate. No breakdown, treated 1300-1440#; dropped 170 balls; very little ball action. Third stage; set bridge plug at 4875; perforated Munroe 4845-4787, 4749-32, 4715-4689. Fraced w/40,000 gal. water; only got 20,000# sand in; injection rate 33 BPM bdp - 2250-1900#; treated 1900-3000#. Fourth stage; set bridge plug at 4665; perforated Cliffhouse and Lewis 4645-38, 4628-4550, 4535-4528, 4515-4507, 4498-93; fraced 4493-4645 w/40,000 gallons water, 20,000# sand; bdp - 1900#; treated 1900-3000#; injection rate 33 BPM. Tested upper zone at 1736 MFPD. Combined test on Cliffhouse and Munroe 3221 MFPD. Could not gauge Point Lockout accurately with safety through 1" blowy liner; estimated at 30,000 MFPD. Drilled and bridge plug but did not get plug entirely drilled up. Landed tubing with bit and sub still in hole at 4986 KB. Perforated tubing w/80 tubing jets, 4949-69. Released rig 5-27-60. Tubing weighed 25,000# before drilling Point Lockout bridge plug. Terrific gas flow caused tubing to weigh only 18,000#. Well put on production at 10:08 A.M. 5-27-60.

## RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFD	Water f B	Copy already in file
Before Workover	4-21-60	2 BOPD	"Q" - 4187 "D" - 7030		21,000 MFPD
After Workover	5-27-60	?	"Q" - 12,729		30,000 (Net)

## OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by

Name

Title

Position

Date

JUN 2 1960

Company

Mr. Fred. Dept.

Purco Petroleum Corp.

 JUN 2 1960  
 OIL CON. COM.  
 DIST. 3

N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its nearest agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Pubco Development, Inc.

State

Company or Operator 6 Lease 36 T. 31N  
Well No. 6 in 36 of Sec. 36

R. 9, N. M. P. M., Blanco Field, San Juan County.

Well is 1650 feet south of the North line and 290 feet west of the East line of Sec. 36  
Parts of 5317, 5313, 5311, 5310

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is Pubco Development Inc. Address Box 1360, Albuquerque, N.M.

Drilling commenced 5-6-52 19\_\_\_\_ Drilling was completed 7-19-52 19\_\_\_\_

Name of drilling contractor Perman Drilling Co. Address Farmington, N.M.

Elevation above sea level at top of casing 5982 feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 4502 to 4623 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 4979 to 5006 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

*Copy already in file*

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10 3/4	32.75	8 rd.	Hot.	221	Saker			
7	23		Hot.	1000	Saker			
7	20		Hot.	3436				
			J-55					
Howee 10 tool set at 2767 rotary table 2759 gr.								

# MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHIRE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	10 3/4	721	150	Halliburton		
9	7	436	455	Halliburton		
6 1/4	2 1/2	500				

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHOUL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5'5" - 4'4"	Metal	solidified	1605	7-11-52	4580-5122	5122
6 x 7' 11"	"	Nitroglycerine				

Results of shooting or chemical treatment **Well blew very strong after shot, found a small bridge at 4572, drilled it out and cleaned out to total depth.**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED  
 Rotary tools were used from **surface** feet to **436** feet, and from **436** feet to **5122** feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing \_\_\_\_\_, 19\_\_\_\_ *Copy already in file*  
 The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % emulsion; \_\_\_\_\_ **19 3/8 water** and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_ **23,000 MCF** **No record to date**  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_ **Flowing casing pressure end of six hours 4116#**  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_ **1102 casing**  
**1100 tubing**

## EMPLOYEES

**Benjo Holloway** **Willard Potts**  
 \_\_\_\_\_ Driller \_\_\_\_\_ Driller  
**H. W. Strain** **Ray Dunn**  
 \_\_\_\_\_ Driller \_\_\_\_\_ Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

**Astec**  
 \_\_\_\_\_ Place \_\_\_\_\_ Date **Aug. 25, 1952**  
 Name **Charles S. Peters**  
 Position **Geologist**  
 Representing **Pulco Development, Inc.**  
 \_\_\_\_\_ Company or Operator  
**Box 614, Astec, New Mexico**  
 Address \_\_\_\_\_

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1580	2390	800	Kirtland
2390	2734	344	Fruitland
2734	2050 ?	116	Pictured Cliffs
2050	4502	1652	Louis
4502	4623	121	Cliffhouse
4623	4779	356	Manatee
4779	5006	207	Point Lookout

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <u>1</u>		
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	NO. FURNISHED	
Operator	<u>1</u>	<input checked="" type="checkbox"/>
Santa Fe	<u>1</u>	
Proration Office		
State Land Office	<u>1</u>	
U. S. G. S.	<u>2</u>	
Transporter		
File	<u>1</u>	

*Copy already  
in file*

## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

7-18-52

Date

Asteo, N.M.

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Pubco Development Inc. State Well No. 6 in the  
 Company or Operator Lease  
 SW 1/4 of Sec. 36, T. 31N, R. 9W, N. M. P. M.,  
 Blanco Pool San Juan County.

The dates of this work were as follows: 7-14-52

Notice of intention to do the work was (was not) submitted on Form C-102 on March 15, 1952,  
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Shot from 4520-5122 with 1605 qts. of solidified nitroglycerine.  
 Est. the well was making 900 MCF natural.

worse copy  
 already in file

Witnessed by Charles S. Peters Pubco Development Inc. Geologist  
 Name Company Title

APPROVED:  
 OIL CONSERVATION COMMISSION

*Al. Gray*

Oil and Gas Inspector Dist. #3.

Name

Title

JUL 18 1952

Date

19

I hereby swear or affirm that the information given above is true and correct.

Name *Charles S. Peters*

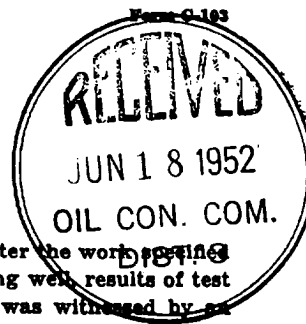
Position Geologist

Representing Pubco Development Inc.  
 Company or Operator

Address Box 844 Asteo, N.M.

## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS



Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Setting Casing	X

June 18, 1952

Aztec, N.M.

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Pubco Development Inc. State Well No. 6 in the  
 Company or Operator Lease  
 SW  $\frac{1}{4}$  of Sec. 36 T. 31N R. 9W, N. M. P. M.,  
 Blanco Pool San Juan County.

The dates of this work were as follows: 6-9-52 - 6-10-52

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on March 15, 1952, and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

#### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set 7" casing at 4444 with 195 sacks.

Second stage, Howco DV tool set at 2767, tool open for six hours then squeezed with 260 sacks of neat cement. This upper stage killed the gas and water flow from the Fruitland formation.

*worse copy  
already in file*

Witnessed by Frank Gorham Jr. Pubco Development Inc. Vice President  
 Name Company Title

APPROVED:  
 OIL CONSERVATION COMMISSION

*Al Gunn*  
 Name  
 Oil and Gas Inspector Dist. #3.  
 Title  
 JUN 18 1952  
 Date

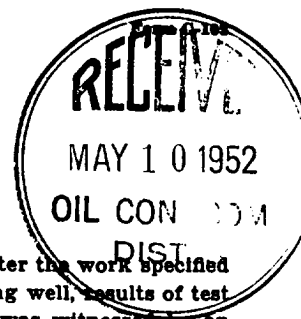
I hereby swear or affirm that the information given above is true and correct.

Name *Charles S. Peters*  
 Position Geologist  
 Representing Pubco Development Inc.  
 Company or Operator  
 Address Box 844  
 Aztec, N.M.



NEW MEXICO OIL CONSERVATION COMMISSION

**MISCELLANEOUS REPORTS ON WELLS**



Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	X	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL		

\_\_\_\_\_ May 9, 1952 \_\_\_\_\_ Aztec, N.M. \_\_\_\_\_  
Date Place

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_ Pubco  
 \_\_\_\_\_ Development Inc. \_\_\_\_\_ State \_\_\_\_\_ Well No. 6 \_\_\_\_\_ In the  
Company or Operator Lease  
 SW  $\frac{1}{4}$  \_\_\_\_\_ of Sec. 36 \_\_\_\_\_ T. 31N \_\_\_\_\_ R. 9W \_\_\_\_\_, N. M. P. M.,  
 Blanco \_\_\_\_\_ Pool \_\_\_\_\_ San Juan \_\_\_\_\_ County.

The dates of this work were as follows: \_\_\_\_\_ 5-6-52 - 5-7-52 \_\_\_\_\_

Notice of intention to do the work was (was not) submitted on Form C-102 on \_\_\_\_\_ March 15 \_\_\_\_\_, 1952, \_\_\_\_\_  
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Spud 5-6-52  
 Set 10<sup>3</sup>/<sub>4</sub> with 150sx at 221

*worse copy  
already in file*

Witnessed by \_\_\_\_\_ Dave Evans \_\_\_\_\_ Denman Drilling Co. \_\_\_\_\_ Tool Pusher \_\_\_\_\_  
Name Company Title

APPROVED:  
 OIL CONSERVATION COMMISSION

Oil and Gas Inspector Dist. #3.

MAY 10 1952

Date

I hereby swear or affirm that the information given above is true and correct.

Name \_\_\_\_\_ Charles S. Peters \_\_\_\_\_

Position \_\_\_\_\_ Geologist \_\_\_\_\_

Representing \_\_\_\_\_ Pubco Development Inc. \_\_\_\_\_  
Company or Operator

Address \_\_\_\_\_ Box 504 Aztec, N.M. \_\_\_\_\_

# B. & R. SERVICE, INC.

## TEMPERATURE SURVEY

COMPANY.....PUBCO PETROLEUM COMPANY.....

WELL PUBCO STATE # 6.....FIELD.....

COUNTY.....SAN JUAN.....STATE.....NEW MEXICO.....

SEC.....TWP.....RGE.....

APPROX. TOP CEMENT.....4610'.....

Survey Begins at 4000'.....Ft. Ends at 5084'.....Ft.

Approx. Fill-Up 36%.....Max. Temp. 136° @ 5084'.....

Log Measured From R.T......Run No. ONE.....

Casing Size	Casing Depth	Diam of Hole	Depth
5" from	to 5200'	6 7/8 from	to
from	to	from	to

Date of Cementing MAY 22, 1960.....Time 8:45 P.M.

Date of Survey MAY 23, 1960.....Time 7:00 A.M.

Amount of Cement 100 SACKS 4% GEL.....Type 50/50 POZMIX

Amount of Admix 9 1/2# TUF-PLUG PER SACK.....Type

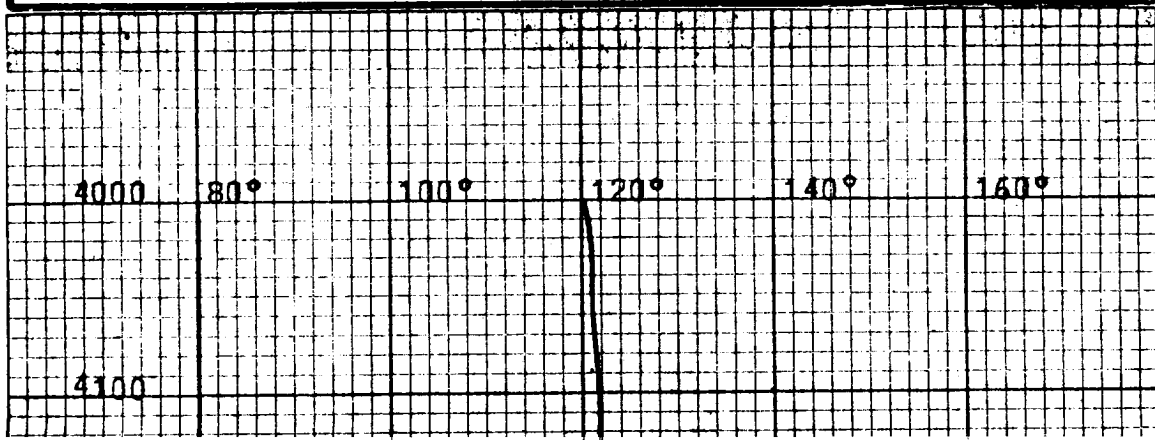
Recorded by HOLLOWAY.....Witnessed by MAXWELL

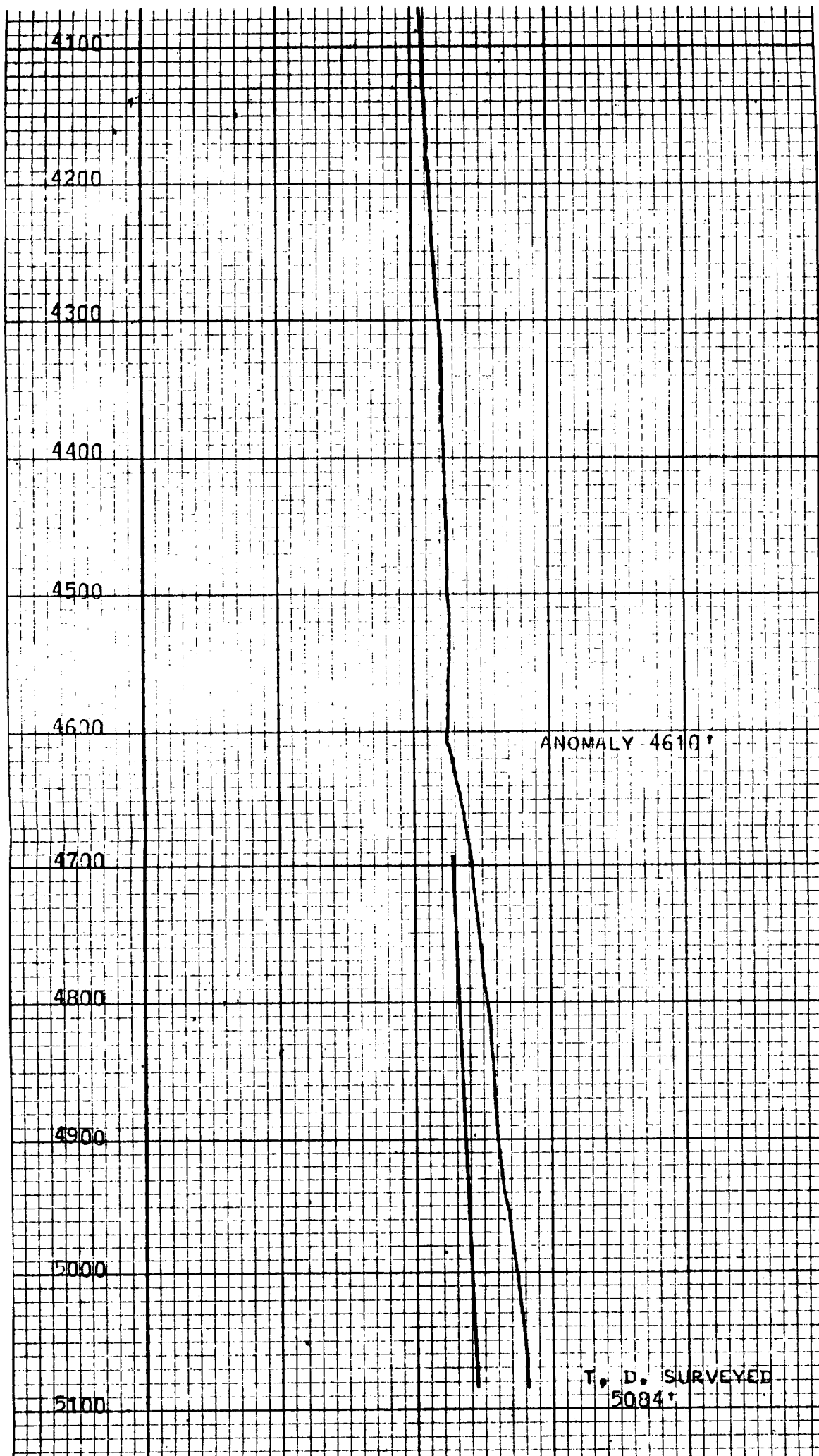
REMARKS OR OTHER DATA

"Well File"

"Do Not Remove From Office"

TEMPERATURE IN DEGREES FAHRENHEIT





SAN JUAN OPERATIONAL UNIT  
STATE COM J #6; ESTIMATED TOC  
ASSUMES 25% CEMENT LOST TO FORMATION

VOLUME (CUBIC FEET) = NUMBER SACKS \* CUBIC FEET/S  
AREA (SQ. FT.) =  $\text{PI}((\text{HOLE SIZE}/2)^2 - (\text{CASING SIZE}/2)^2)/144$   
HEIGHT (FEET) =  $\text{VOLUME (CU. FT.)} / \text{AREA (SQ. FT.)} * .75$  (SLURRY EFFICIENCY)  
ESTIMATED TOC (FEET) = DEPTH (FEET) - HEIGHT (FEET)

I: SURFACE CASING:

SIZE: 10.750 "  
HOLE: 13.750 "  
GRADE: N/A  
WEIGHT: 32.75 #/FT  
DEPTH: 221 '  
TOC: N/A '  
CEMENT: 150 SACKS  
EST. 1.18 CUFT/SX  
- SACKS  
- CUFT/SX

VOLUME CU. FT.	AREA SQ. FT.	HEIGHT FEET
LEAD	0.401	331
177.0		EST. TOC FEET
TAIL		(110)
0.0		

IV: 2ND DV TOOL:

TOC: - '  
CEMENT: - SACKS  
- CUFT/SX  
- SACKS  
- CUFT/SX

VOLUME CU. FT.	AREA SQ. FT.	HEIGHT FEET	EST. TOC FEET
LEAD	0.175	0	0
0.0			
TAIL			
0.0			

III: 1ST DV TOOL:

TOC: N/A '  
CEMENT: 195 SACKS  
EST. 1.18 CUFT/SX  
- SACKS  
- CUFT/SX

VOLUME CU. FT.	AREA SQ. FT.	HEIGHT FEET	EST. TOC FEET
LEAD	0.175	988	1,779
230.1			
TAIL			
0.0			

II: INTERMEDIATE OR PRODUCTION CASING:

SIZE: 7.000 "  
HOLE: 9.000 "  
GRADE: J-55  
WEIGHT: 20.0/23.0 #/FT  
DEPTH: 4,444 '  
TOC: N/A '  
CEMENT: 260 SACKS  
EST. 1.18 CUFT/SX  
- SACKS  
- CUFT/SX

VOLUME CU. FT.	AREA SQ. FT.	HEIGHT FEET	EST. TOC FEET
LEAD	0.175	1,318	3,126
306.8			
TAIL			
0.0			

V V: PROD.  
LINER:

SIZE: 5.000 "  
HOLE: 6.125 "  
GRADE: J-55  
WEIGHT: 15.00 #/FT  
DEPTH: 5,200 '  
TOC: 4,610 '  
CEMENT: 100 SACKS  
1.43 CUFT/SX  
- SACKS  
- CUFT/SX

VOLUME CU. FT.	AREA SQ. FT.	HEIGHT FEET	EST. TOC FEET
LEAD	0.068	1,571	3,629
143.0			
TAIL			
0.0			

I IV

NONE  
2ND DV  
TOOL

III

2,767  
1ST DV  
TOOL

II

NONE  
TOL:

5,195

5,211

PBTD

TD