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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-1520	

1a. TYPE OF WELL		7. Unit Agreement Name	
b. TYPE OF COMPLETION		8. Farm or Lease Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		Bridges State	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		9. Well No.	
2. Name of Operator		117	
3. Address of Operator		10. Field and Pool, or Wildcat	
Mobil Oil Corporation		Vacuum Wolfcamp & N. Abo	
4. Location of Well			
UNIT LETTER PE LOCATED 660 FEET FROM THE South LINE AND 460 FEET FROM		12. County	
THE East LINE OF SEC. 23 TWP. 17-S RGE. 34-E NMPM		Lea	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)
7-30-66	9-23-66	9-21-66	G. L. 4030
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
10,414	10,280	Vac. Wolfcamp & N. Abo	X
24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
Vac. Wolfcamp 9635-10,104 Vac. N. Abo 8445-8484			Yes
26. Type Electric and Other Logs Run			27. Was Well Cored
Schlumberger GR-Sonic-Caliper & Induction Electrical Log			No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13-3/8"	48#	366'	17-1/2"
9-5/8"	40#	5000'	12-1/4"
		CEMENTING RECORD	
		350 sac Incor Neat	
		2200 sac Incor Neat	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
7"	4710'	10,414	2750 sac
			SCREEN
			2-3/8"
			2-3/8"
			9600
			9600
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Refer to Attachment No. I		DEPTH INTERVAL	
		AMOUNT AND KIND MATERIAL USED	
		Refer to Attachment No. II	
33. Refer to Attachment No. III. PRODUCTION			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)	
		Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
			Oil - Bbl.
			Gas - MCF
			Water - 3bl.
			Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.
			Gas - MCF
			Water - Bbl.
			Oil Gravity - API (Corr.)
34. Disposition of Gas (Sold, used for fuel, vented, etc.)			Test Witnessed By
Sold			H. R. Elledge
35. List of Attachments			
Attachments I, II & III - Summary of Operations			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED T. A. Payne		TITLE Authorized Agent	
		DATE October 25, 1966	

INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Ozite
T. Gileta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Morrison
T. Milnebury	T. Gr. Wash	T. Todillo	T. Entrada
T. Tubb	T. Granite	T. Delaware Sand	T. Wingate
T. Drinkard	T. Bone Springs	T. Wolfcamp	T. Permian
T. Abo	T. Permian	T. Permian	T. Permian
T. Wolfcamp	T. Permian	T. Permian	T. Permian
T. Cisco (Bough C)	T. Permian	T. Permian	T. Permian

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	366	366	Caliche, sand & Red Bed				
366	1636	1636	Red Bed				
1636	3055	3055	Anhydrite & Salt				
3055	3556	3556	Anhydrite & Gypsum				
3556	3790	3790	Anhydrite & Dolomite				
3790	4025	4025	Anhydrite & Lime				
4025	4308	4308	Lime				
4308	4367	4367	Lime & Chert				
4367	7400	7400	Lime				
7400	7542	7542	Lime & Shale				
7542	8007	8007	Lime				
8007	8184	8184	Lime & Shale				
8184	9578	9578	Lime				
9578	9632	9632	Lime, Shale & Chert				
9632	9890	9890	Lime & Chert				
9890	10090	10090	Lime & Shale				
10090	10321	10321	Lime				
10321	10414	10414	Lime & Shale				

MOBIL OIL CORPORATION

BRIDGES STATE WELL NO. 117

ATTACHMENT I

Perforation Record - (Line 31)

<u>Vacuum N. Abq</u>	-	8445, 49, 51, 55, 78, 80, 82, & 84 w/1 JSPP. Total 8 holes.
<u>Vacuum Wolfcamp</u>	-	9635, 37, 39, 54, 70, 76, 9975, 9977, 10,049, 051, 053, 055, 076, 079, 099 & 10,104 w/1 JSPP. Total 16 holes.

MOBIL OIL CORPORATION

BRIDGES STATE WELL NO. 117

ATTACHMENT II

Acid, Shot, Fracture, Cement Squeeze, etc. - (Line 32)

<u>Depth Interval</u>	<u>Amount and Kind Material Used</u>
9975 - 10,104	1,000 Gals. 15% NE Acid
9635 - 9676	1,000 Gals. 15% NE Acid
8445 - 8484	1,000 Gals. 15% NE Acid
8445 - 8484	3,000 Gals. 15% NE Acid + 6 RCN Ball Sealers

MOBIL OIL CORPORATION

BRIDGES STATE WELL NO. 117

ATTACHMENT III

Production: (Line 33)

Vacuum N. Abo

Date First Production	9-26-66
Production Method	Flowing
Well Status	Producing
Date of Test	9-26-66
Hours Tested	24 Hours
Choke Size	14/64"
Production For Test Period	436 Bbls. oil; 840 MCF; 8 BAW; Gas-Oil Ratio 1926/1, 200#
Flow Tubing Pressure	Packer
Casing Pressure	436 Bbls. oil; 840 MCF; 8 BAW; Oil Gravity 39.1 @ 60°.
Calculated 24 Hour Rate	

Vacuum Wolfcamp

Date First Production	9-21-66
Production Method	Flowing
Well Status	Producing
Date of Test	9-21-66
Hours Tested	24 Hrs.
Choke Size	24/64"
Production For Test Period	592 Bbls. oil; 775 MCF; 20 BAW; Gas-Oil Ratio 1309/1. 550#
Flow Tubing Pressure	Packer
Casing Pressure	Oil - 592 bbls; Gas 775 MCF; Water - 20 BAW; Oil Grav. 38.0 @ 60°.
Calculated 24-Hour Rate	

MIDLAND T. & P. DIVISION

WORTH DRILLING REPORT SUMMARY

Lease Name: Brindges Sub Survey No: P 3420 Well No: 117
Type Well: Oil (Deal) Foreman's Area: 117
Elev: 5143.9' Final: 5143.9'
Location of Well: 660' from 13-3/8" well 117 from the base line
Unit or Block: P Sec: 23 Twp: 17-S Rge: 34-E
Survey: _____ County: Lee State: N.M.
Spudded: 7-30-66 Completed (Reached T.D.): 9-9-66
Completion Date (Last time work was done on Well Bore): Vacuum N.A.B.O. 9-25-66
Vacuum Wolfcamp 9-20-66
Potential Date: 9-26-66 T.D.: 10,414 PBTD: 10,280

XX

7/22 ✓ STATE BRIDGES #117
WOR - location complete.

7/21 ✓ STATE BRIDGES #117 - Located 660 FSL & 460 FSL, Sec. 23, T-17-S, R-34-E,
Lee County, New Mexico; Watum, Lower Perm, Wolfcamp & Glorieta
OBJECTIVE: Lower Perm, Wolfcamp & Glorieta
WOR BEM Drilling Co.

7/28 ✓ STATE BRIDGES #117
BEM will MINT today.

7/29 ✓ STATE BRIDGES #117
MINT.

7/30 ✓ STATE BRIDGES #117
RCF. Prep to spud.

8/1 ✓ (2) 366. WOC 13-3/8 csg. 1/2 @ 360.
Roc 366' of 13-3/8 R-40 40# SMC csg. cemented on bottom by BEM
1/2 360 in Taper Near cement 1/2 360. BEM will MINT today.
WOC past 13-3/8, tested csg & 1/2 360. BEM will MINT today.
© 9:30 p.m. 7/30/66.

8/2 ✓ STATE BRIDGES #117
(1) 13-3/8 csg csg, 12 1/4" hole, 1/2 @ 1302, fresh water.

8/18 ✓ BRIDGES SHALE #117
(18) 5110 6'10" lim. 8-3/4" hole. 1° @ 5116. Fresh water.
Revised 9-9-50 8'10" and 10'1" w/ 2000# 30 min/ck. WGS total 26 hrs.

8/19 ✓ BRIDGES SHALE #117
(19) 5201 6'10" lim. 8-3/4" hole. 1° @ 5207. Fresh water.

8/20 ✓ BRIDGES SHALE #117
(20) 6006 6'10" lim. 8-3/4" hole. 1 1/2° @ 5708. Fr. water.

8/21 ✓ BRIDGES SHALE #117
(21) 6000 6'10" lim. 8-3/4" hole. 1° @ 6351. Fr. water.
Sole. for 67-5-2000 and 67-5-3004 in 10'1" hole.

8/23 ✓ BRIDGES SHALE #117
(23) 6777 6'10" lim. 8-3/4" hole. 1 1/2° @ 6695. Fr. water.

8/24 ✓ BRIDGES SHALE #117
(24) 7103 6'10" lim. 8-3/4" hole. 3/4° @ 7064. Fr. water.

8/25 ✓ BRIDGES SHALE #117
(25) 7442 6'10" lim & sh. 8-3/4" hole. 1/2° @ 7400. Fr. water.

8/26 ✓ BRIDGES SHALE #117
(26) 7735 6'10" lim. 8-3/4" hole. ND. Fr. water.

8/27 ✓ BRIDGES SHALE #117
(27) 7965 6'10" lim. 8-3/4" hole. 3/4° @ 7735. Fr. water.

8/29 ✓ BRIDGES SHALE #117
(29) 8317 6'10" lim. 8-3/4" hole. 1/4° @ 8245. Fr. water.

8/30 ✓ BRIDGES SHALE #117
(30) 8553 6'10" lim. 8-3/4" hole. 1 1/2° @ 8379. Now mudding up.

8/31 ✓ BRIDGES SHALE #117
(31) 8762 6'10" lim. 8-3/4" hole. 3/4° @ 8553. 8.7-37-17.0.

9/1 ✓ BRIDGES SHALE #117
(32) 8957 6'10" lim. 8-3/4" hole. 1° @ 8762. 8.7-36-20.0.

9/2 ✓ BRIDGES SHALE #117
(33) 9143 6'10" lim. 8-3/4" hole. 1° @ 8957. 8.9-36-21.0.

9/3 ✓ BRIDGES SHALE #117
(34) 9249 6'10" lim. 8-3/4" hole. 10.9.29 - 8.6-37-25.0.

9/6 ✓ BRIDGES SHALE #117
(35) 9821 6'10" lim & sh. 8-3/4" hole. 1° @ 9576. 9.1-36-24.0.

ILLEGIBLE

9/7 ✓ BRIDGES STATE #117
(39) 9933 drlg 1m & sh, 8-3/4 hole, 3/4° @ 9920, 9.1-37-14.

9/8 ✓ BRIDGES STATE #117
(4) 10,090 drlg 1m & sh, 8-3/4 hole, 1° @ 10,090, 9.1-39-10.5

BRIDGES STATE #117
9/10 (42) 10,414 TD 1m, 8-3/4 hole, 1/2° @ 10,321, 9.1-37, 10.2
Circ. at TD 3 hrs, prep to run OH logs.
9/12 (44) 10,414 TD 1m, 8-3/4 hole, ND, 9.1-40-10.2
Schl. ran GR-S 6294-10,412, LL @ 6294-10,414/7 hrs, ran bit to 10,414, circ. 3 hrs, pulled bit, ran 123 jts (5689') 7" OD 23# S95 ST&C liner on BOT hanger set at 10,414 w/top liner at 4710. Halliburton cem w/1375 sx cement, 1275 sx incore 4% gel, 100 sx Incore neet. Job complete 6 pm 9-11-66. Cem. circ., WOC 8 hrs, ran 8-3/4 bit, drlg cement stringers at 3582.

9/13 BRIDGES STATE #117 - 10,414 TD
(45) Finished drilling cement stringers & cement from 3582 to 4710 in 7 hrs, circ. hole clean, tested top of 7" liner w/2000#/30 mins/ok. Layed down DP & DC's, released BBM Drilling Co. rig @ 12:01 a.m. 9-13-66. Prep to set out tools.

9/14 BRIDGES STATE #117 - 10,414 TD
(46) MORT.

9/15 BRIDGES STATE #117 - 10,414 TD
Finished moving out rotary tools. MIRU X-Pert Well Ser. DD Unit, instl. BOP, SD for night.

9/16 ✓ BRIDGES STATE #117 - 10,414 TD
Ran 6-1/8" bit on 2 4 1/4 DC, csg scraper & 2-3/8 tbg to 10,279, tested csg & BOP's w/2000#/30 mins/ok, then displaced wtr to oil, pull tbg & bit, Schlumberger ran GR-Collar-Corr. 5800-10,280. Prep to perforate Wolfcamp.

9/17 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD.
Schl perforated 7" liner in the Wlfc @ 9635, 37, 39, 54, 70, 76, 9975, 9977, 10,049, 051, 053, 055, 076, 079, 099 & 10,104 w/ 1 JSPF, total of 16 holes, ran ret BP & RTTS on 2-3/8 tbg, set BP @ 10,167 & RTTS pkr @ 10,000 from perfs 10,049-10,104 swab 40 BLO + 40 BNO/8 hrs, 2000' FIH, gd sh of gas, L hr sw 7 bbls, S/O 1% BS&W.

9/19 Wlfc (10,049-10,104)
Swab 14 BNO/2 hrs reset RTTS pkr @ 9938, then from Wlfc perfs 9975-10,104 swab 40 BLO + 35 BNO/8 hrs, 2000' FIH, L hr sw 7 BNO, S/O clean, then Cardinal Chemical Co acidized perfs w/ 1000 gals 15% NE acid, TWP 3500-3000, rate .9 BPM, ISIP 2600, 5 min SIP 600. Job compl 10:00 p.m. 9/17/66. Then swab & flowed 42 BLO + 136 BNO + 16 BAW/13 hrs on 48 to 20/64 ck, TP 425. S/O 2% AW, kill well w/ 50 BLO. Attempted to ret BP/1 1/2 hrs, no success, pull tbg & pkr, reran ret head w/ 2 - 4 1/4 DC's & bumper sub, ret BP, pull same, prep to run Baker BP & pkr to test Wlfc perfs from 9635-76.

- 9/20 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB.
Ran Baker Ret-O-Matic pkr & BP, set BP @ 9938, pkr @ 9596, from Wlfc perfs 9635-9676 swab 38 BLO + 90 BNO + 4 BW in 19 hrs, 1500' FIH, sl sh of gas, L hr swab 5 bbls, S/O 4% wtr. Prep to acidize.
- 9/21 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB, Wlfc (9635-9676).
Sw 14 BNO/2 hrs, Cardinal Chemical Co acidized perfs w/ 1000 gals 15% NE acid, BDTP 3200#, TTP 4500#, rate .2 BPM, ISIP 4400#, 5 min SIP 3200#. Job compl 12:30 p.m. 9/20/66, then swab & flowed 40 BLO + 73 BNO + 3 BAW/7½ hrs on 48 to 19/64 ck, TP 275#, L hr Fl 10 bbls, S/O 4% AW. Kill well w/ 50 BLO, reset BP @ 10,124, from Wlfc perfs (9635-10,104) swab 40 BLO + 15 BNO, started flowing @ report time, prep to run 6 hr. pot. test.
- 9/22 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB, Wlfc (9635-10,104).
On OCC Pot Test: Fl 148 BNO + 5 BAW in 6 hrs on 24/64" ck (calculated 24 hr rate 592 BOPD), GOR 1309:1, Grav 38.0 @ 64, TP 550#, L hr Fl 30 bbls, S/O 5% AW, Allowable 220 BOPD. Kill well w/ 50 BLO, pull tbg, pkr, & BP. Schl perf 7" liner in the Abo @ 8445, 49, 51, 55, 80, 83, 86, 91, 94, & 8498 w/ 1 JSPF, total 10 holes. Ran Ret BP to 8600, tbg & pkr set @ 8420, then swab 36 BLO + 4 BNO + 35 BFW/6½ hrs, 2000' FIH, sl sh of gas, L hr swab 10 bbls, S/O 95% wtr. Prep to squeeze perfs.
- 9/23 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB, Abo (8445-8498).
Sw 12 BFW/3 hrs, reset BP @ 9508, displace oil to wtr, set pkr @ 8180, Howco squeezed Abo perfs 8445-98 w/ 200 sx T1N cement, Max Press 5900#, job compl 4:00 p.m. 9/22/66. WOC 1 hr, pull tbg & pkr. SD for nite. Prep to drill out & reperfurate.
- 9/24 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB.
Finish pull tbg & pkr, ran 6-1/8 bit on 2 - 4½ DC's & tbg, drill cement 8190-8497, tested csg & perfs w/ 2000#/ok. Displ wtr w/ oil, pull bit.
- 9/26 ✓ Finish pulling bit, ran ret.head on tbg, ret BP from 9508, Schl re perforated Abo @ 8445, 49, 51, 55, 78, 80, 82, & 84 w/ 1 JSPF, total 8 holes, ran tbg, pkr & BP, set BP @ 8600, pkr 8380, then sw 32 BLO + 12 BNO in 6½ hrs, L hr sw 2 bbls, S/O 2% wtr, 3000' FIH, Cardinal Chemical Co acidized perfs w/ 1000 gal 15% NE acid, TTP 3000-2400#, rate 1.0 BPM, ISIP 1300#, 5 min 500#, job compl @ 11:30 a.m. 9/25/66, then swab & fl 32 BLO + 127 BNO + 15 BAW in 8½ hrs, L hr Fl 12 BNO, S/O 3% AW on 22/64 ck, TP 75#. Then Cardinal Chemical Co reacidized perfs w/ 3000 gal 15% NE acid using 6 RCN ball sealers, TTP 2400-2700#, rate 3.0 BPM, ISIP 1300#, 5 min SIP 600#, job compl 10:30 p.m. 9/25/66, then sw & fl 32 BLO + 73 BNO + 35 BAW in 6½ hrs, L hr fl 21 bbls S/O, 18% AW on 18/64 ck, TP 125#. Lack 46 BAW to rec.
- 9/27 ✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTB, Abo (8445-84).
Fl 115 BNO + 10 BAW in 7 hrs on 16 to 14/64 ck, TP 125 to 200#. On OCC Pot Test: Fl 109 BNO + 2 BAW in 6 hrs (calculated 24 hr rate 436 BOPD) on 14/64 ck, GOR 1926/1, Grav 39.1 @ 60. TP 200#. Allowable 220 BOPD, Top field allow 220 BOPD. L hr F 17 BNO, S/O 2% AW. Kill well w/ 50 BLO, ret BP, reset @ 4800, pull tbg & pkr, inst'l bottom part of Cameron triple wellhead, ran tbg w/ ret head to 4500. Prep to ret BP.

- 9/28 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD.
Ret BP @ 4800, pull same, Schl set Baker Model D pkr in 7" liner @ 10,120, then ran #1 tbg string (Penn) 2-3/8 J-55 EUE 8rd, total 321 jts, to 10,127, SN 10,127, Baker seals 10,120-127, BOT Husky dual zone pkr 9483, BOT triple tbg anchor @ 8508, tested tbg in hole while running w/ 4000#, now running Wlfc tbg, 125 jts in hole.
- 9/29 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD.
Finish running 2-3/8 CS Hydril J-55 tbg, Wlfc string latch into dual zone, pkr @ 9483, tested 4000# while running Cardinal Chem Co set dual pkr w/ 4800# PP, then spaced out tbg w/ 7000# tension, Ran #3 string 2-3/8 J-55 GST SL Abo string latched into triple anchor @ 8508, now spacing out.
- 9/30 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD.
Spaced out #3 string of tbg, set w/ 5000# tension, inst'l triple tree, Schl perf 7" liner in the U Penn w/ thru tbg gun @ 10,155,159,165,174, 177,179,181,184,190, 10,200 & 10,203 w/ 1 JSPT, total 11 holes, then swab 45 BLO + 13 BNO in 2 hrs, sw dry 3 hrs, Cardinal Chem Co acidized perfs w/ 1000 gal 15% NE acid, TTP 4000#, rate .08 BPM, ISIP 4000#, 5 min SIP 1800#, job compl @ 4:00 a.m. 9/30/66. swab 18 BLO/1 hr, 7000' FIH. Cont to test.
- 10/1 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, U Penn (10,155-10,203).
DD unit broke down, change out unit, well swabbed down, no fluid coming in, Schl attempted to run perf gun stopped @ 10,056. Cecil Horne Wire Line Serv ran 1 1/2" imp blk 10,070 stopped, no imp, then set standing valve in SN @ 10,127, press up on tbg 3000#, tbg leaked, ran tbg stop to 10,126, press up on tbg, circ to annulus above dual zone pkr, pull tbg stop & standing valve. Prep to pull tbg.
- 10/3 Remove triple tree, inst BOP, pulled all tbg from well Abo, Wlfc & Penn strings, ran 2-3/8 EUE 8rd tbg w/ SN on bottom, set in Baker Model D pkr @ 10,120, latched in tested tbg while running w/ 4000#, Schl re-perf 7" liner in the Penn @ 10,155,159,165,174,177,179,181,184,190,10,200 & 10,003 w/ 2 JSPT, total 22 holes, then swab 44 BLO + 2 BNO + 11 BW/4 1/2 hrs, 4500' FIH, sl sh of gas, L hr swab 10 bbls, S/O 98% wt. Cont to swab.
- 10/4 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, Penn (10,155-10,203).
Swab 2 BNO + 37 BSW/12 hrs, 1200' FIH, no gas, L hr sw 2 bbls, S/O 96% wtr, SI 12 hrs. TP - 0, 2200' FIH.
- 10/5 BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, Penn (10,155-10,203).
Swab 1 BNO + 10 BSW/3 hrs, then Cardinal Chemical Co acidized Penn perfs w/ 1000 gal 15% NE acid, BDP 2800#, TTP 2600#, rate .06 BPM, ISIP 2850, 5 min SIP 1800, job compl 12:00 noon 10/4/66, then swab 40 BLO + 26 BNO + 24 BAW + 33 BFW/16 1/2 hrs, 2500' FIH, fr sh of gas, L hr sw 8 bbls, S/O 80 wtr.

✓ BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, Penn (10,155-10,203).

10/6

Swab 54 BNO + 45 BSW/24 hrs, 1800' scattered FIH, strong sh of gas, L hr sw 6 bbls, S/O 50% SW.

10/7

BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, Penn (10,155-10,203).
Swab 16 BNO + 9 BSW/6 hrs, then Cardinal Chemical Co acidized perfs w/ 5000 gal 15% NE acid using 15 RCN ball sealers, TPP 4000# to 3500#, rate 4.0 BPM, ISIP 700, 5 min SIP 300, job compl 3:00 p.m. 10/6/66, then swab 40 BLO + 19 BNO + 49 BAW/12½ hrs, 8800' FIH, gd sh of gas, L hr sw 13 bbls, S/O 98% AW. Lack 71 BAW to rec.

10/8

BRIDGES STATE #117, 10,414 TD, 10,280 PBTD, Penn (10,155-10,203).
Swab 42 BNO + 71 BAW + 62 BFW/24 hrs, 6700' FIH, sl sh of gas, L hr swab 12 bbls, S/O 98% SW.

10/11

BRIDGES STATE #117, 10,414 TD.
Pull tbg & pkr. SD for nite. WOC, prep to drill out

10/12

BRIDGES STATE #117, 10,414 TD.
Bled off 175 BLO in 4 hrs, ran 6¼ bit on 3 - 4¼ DC's and 2-3/8 tbg 10,100, rigged up reverse unit. SD for nite. Prep to drill out.

10/13

BRIDGES STATE #117, 10,414 TD.
Circ gas off 6 hrs, then drilled Model D pkr & cement from 10,120-195 in 15 hrs, reverse circ 1 hr, now pulling bit.

10/14

BRIDGES STATE #117, 10,414 TD.
Finish pulling tbg, DC's & bit, Schl perf 7" liner in the U Penn @ 10,175,177,178,181,182,184,185,186,188,191, & 10,192 w/ 1 JSPF, total 11 holes, then ran Baker pkr on 2-3/8 tbg, set pkr @ 10,110, then swab 55 BLO in 11 hrs, swab dry 3 hrs. Prep to acidize.

10/15

BRIDGES STATE #117, 10,414 TD, 10,195 PBTD, Upper Penn (10,175-192).
Swab dry 3 hrs, Cardinal Chemical Co attempted to acidize perfs w/ 1000 gal 15% NE acid, had communication to annulus after 3 bbls acid on form, reset pkr @ 10,114, still had communication, pulled tbg & pkr, now running new pkr & testing tbg in hole, have found 4 collar leaks.

10/17

Finish running tbg & pkr, set pkr @ 10,110, Cardinal Chemical Co press up on tbg 4000#/ok, no communication, then swabbed 83 BLO + 106 BSW in 26 hrs, no gas, 1700' FIH, L hr swab 5 bbls, S/O 97% SW.

- 10/18 BRIDGES STATE #117, 10,414 TD, 10,195 PBTB, U Penn (10,175-192).
Swab 3 BLO + 16 BSW in 5 hrs, 2500' FIH, no gas, circ hole to oil,
pull tbg & pkr, Schl set Howco SVDC retainer in 7" liner @ 10,116,
ran 2-3/8 tbg w/ stinger to retainer, Howco pumped into Penn perfs
1/2 BPM @ 4000#, then squeezed perfs w/ 50 sx T1N cement, locked up,
dumped 4 bbls cement on retainer, job compl @ 10:30 p.m. 10/17/66,
pull tbg. SD for nite. WOC. Prep to run bit & scraper.
- 10/19 BRIDGES STATE #117, 10,414 TD.
Ran 6-1/8 bit, csg scraper, DC's & tbg, drill cement in 7" liner from
9818-9974/8 hrs, ran bit to 10,116, circ hole clean, pulled bit, csg
scraper, DC's & tbg. Schl set Baker Model D pkr in 7" liner @ 9600,
prep to run 2-3/8 Wlfc tbg.
- 10/20 BRIDGES STATE #117, 10,414 TD, 10,116 PBTB.
Finish running Wlfc tbg to 9600, 2-3/8 OD, J-55 EUE 8rd set in Model D
pkr @ 9600 w/ BCT dual zone pkr @ 8399, tested tbg while running w/
4000#, now running Abo tbg, 8000' FIH.
- 10/21 BRIDGES STATE #117, 10,414 TD, 10,116 PBTB.
Finish running Abo tbg 2-3/8 CS Hydril to 8399, latched into dual zone
pkr @ 8399. LD 9000' of tbg, now installing tree.
- 10/22 BRIDGES STATE #117, 10,414 TD, 10,116 PBTB.
Finish inst'l tree. From Wlfc perfs (9635-10,104) swab & fl 40 BLO +
210 BNO/20 1/2 hrs on 1" to 36/64" ck. TP 0-140. SI 2 hrs, TP 450.
From Abo perfs (8445-84) Swab 40 BLO/2 hrs, L hr swab 18 bbls, 5500' FIH,
no gas, cont to swab.
- 10/24 Abo perfs (8445-84) Swab & fl 321 BNO/23 1/2 hrs, L hr fl 20 BNO on 30/64 ck,
TP 100, S/O 1% wtr. Rel to Production for pkr leakage test. Rel X-Pert
Well Serv Unit @ 7:30 a.m. 10/23/66.
- 10/25 BRIDGES STATE #117, 10,414 TD, 10,116 PBTB.
On pkr leakage test.
- 10/26 BRIDGES STATE #117, 10,414 TD, 10,116 PBTB.
On pkr leakage test.