

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Box DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-039-23337

5. INDICATE TYPE OF LEASE
STATE ☒ FEE ☐

6. STATE OIL & GAS LEASE NO.
E 2825-6

7. LEASE NAME OR UNIT AGREEMENT NAME
SAN JUAN 28-7 UNIT

8. WELL NO.
165M

9. POOL NAME OR WILDCAT
BLANCO MESA VERDE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER

b. TYPE OF COMPLETION:
NEW WORK PLUG DIFF
WELL ☐ OVER ☐ DEEPEN ☐ BACK ☐ RESVR ☒ OTHER

2. NAME OF OPERATOR

CONOCO, INC.

3. ADDRESS OF OPERATOR

10 DESTA DRIVE, SUITE 100W, MIDLAND, TX 79705

4. WELL LOCATION

Unit Letter L :1760 Feet From The SOUTH Line and 830 Feet From The EAST Line

Section 16 Township 27N Range 07W NMPM RIO ARRIBA County

10. DATE SPUDDED

12/6/83

11. DATE T.D. REACHED

12/20/83

12. DATE COMPL. (Ready to prod.)

8/4/98

13. ELEV. (FE, RKB, RT, GE, etc.)

6648' GL

14. ELEV. CASINGHEAD

6636'

15. TOTAL DEPTH

7699'

16. PLUG, BACK T.D.

7679'

17. IF MULTIPLE COMPL. HOW MANY ZONES?

18. INTERVALS DRILLED BY
ROTARY ☒ CABLE
TOOLS ☒ TOOLS ☐

19. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME
5301' - 5537' BLANCO MESA VERDE

20. WAS DIRECTIONAL
SURVEY MADE

21. TYPE ELECTRIC AND OTHER LOGS RUN

22. WAS WELL CORED

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40#	218'	12-1/4"	124 CU FT	
4-1/2"	10.5 & 11.6#	7696'	8-3/4" & 7-7/8"	1665 CU FT	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	7540	

26. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED SUMMARY

27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED

28. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)					WELL STATUS (Producing or shut-in)	
8/4/98		FLOWING					PRODUCING - PER DHC #1797	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO	
7/28/98	24 HRS	1/4"	→	1/2	154	6		
FLOW. TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (Corr)		
105#	340#	→	1/2	154	6			

29. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

VICTOR BARRIOS w/FLINT ENG.

30. LIST ATTACHMENTS

SUMMARY, WELL LOGS

31. 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

SIGNATURE:

Sylvia Johnson

TITLE: As Agent for Conoco Inc. DATE 8/7/98

TYPE OR PRINT NAME: SYLVIA JOHNSON

TELEPHONE NO.: (505) 324-3970

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressure, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TOP TRUE VERT. DEP.
			SAN JUAN 28-7 UNIT #165E	Ojo Alamo	2360'	
				Kirtland	2423'	
				Fruitland	2911'	
				Picture Cliffs	3093'	
				Chacra	4030'	
				Mesa Verde	4768'	
				Menefee	4790'	
				Point Lookout	5360'	
				Gallup	6442'	
				Greenhorn	7288'	
				Graneros	7351'	
				Dakota	7522'	

COPY

CONOCO, INC.
SAN JUAN 28-7 UNIT #165E
API#: 30-039-2337
1760' FSL & 830' FEL, UNIT 'I'
SEC. 16, T27N - R07W

- 7/15/98 MIRU, BD tbg & csg to rig pit, NDWH, NUBOP, TOO H w/238 jts 2-3/8" tbg.
- 7/16/98 RU BJ, run correlation log to open hole log, RIH tag DV tool @ 3314', POOH w/ BP, TIH on tbg to 3700' didn't tag anything, TOO H, RIH WL gauge ring to 5650', no tag, POOH, RIH, comp BP set @ 5600', test csg 3000#, leak off @ 2000#.
- 7/17/98 TIH set @ 1274', test csg from 1274' to BP @ 5600', 3000# test OK, from 1274' to surface have a leakoff from 2000# that will hold 500#, Rel pkr & TOO H.
- 7/20/98 RU BJ WL, Perf MV w/29 holes from 5301'-5537' as follows: 5301-04-07-11-13-63-66-69-71-78-80-89-92-97-5405-12-19-25-39-41-48-55-61-64-67-5523-26-34-5537, RIH pkr set @ 2016', acidize MV perms w/500 G 15% HCl w/50 ball sealers @ 7 BPM, max. 3400# good ball action, balled off, surged off ball, ISIP 0#, rel pkr & TOO H w/ same, RIH, JB ret 50 balls, 33 hits, pkr set @ 2016' on tbg.
- 7/21/98 RU BJ, Frac PLO/Menefee in 1 stage as follows: start w/200 bbls 15# XL gel w/84,100# 20/40 AZ & 6940# 20/40 SDC @ 26 BPM, max. 3400#, avg. 2900#, ISIP 200#, max. sand conc. 2#/gal, rel pkr & TOO H w/same.
- 7/22/98 TIH tag fill @ 5494', start unloading well w/ gas & foam PU tbg to 5050'.
- 7/23/98 TIH w/ tbg from 5050' to tag fill @ 5493', unload well, & CO to 5600' w/gas & foam, made 100 bbls fluid while CO, PU tbg to 5304'.
- 7/24/98 BD csg, TIH from 5304' to tag fill @ 5596', CO w/gas to top of BP @ 5600', circ. clean, PU tbg to 5304' turn over to drywatch.
- 7/27/98 TIH w/ tbg from 5304' to tag fill @ 5596' (4' of fill), Clean w/gas & foam sweeps, circ. clean to BP @ 5600', PU tbg to 5304'.
- 7/28/98 TIH from 5304' tag fill @ 5598' (2' of fill) circ. Clean, test MV w/ 1/4" choke, test results as follows: 105# TP, 340# CP, 6 BWPD, 1/2 BOPD, 154 MCFPD test witnessed by Victor Barrios w/ Flint Eng.
- 7/29/98 BD tbg to pit, TIH tag fill @ 5598' 2' of fill over BP @ 5600', DO BP & cont. in hone to tag btm @ 7650' leave 66' of rathole below btrn DK perf @ 7584', attempt to circ. could not press up past 700# w/gas comps, TOO H.
- 7/30/98 TIH, SN & 239 jts 2-3/8" tbg land well @ 7540', RDSL, ND BOP, ND BL & GC, NUWH.
- 7/31/98 RU swab, Int. FL 2 6500', 1040' from EOT, made 10 runs recovered 30 bbls, tbg will not flow, fluid level not dropping (MV giving up fluid), rid well down, RDMO.