

WELL COMPLETION SKETCHES

CONOCO P. 36-32N-11W

WELL

FIELD

DATE

STATE COM M#9A

BLANCO MESAVERDE

8-9-93



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

KB 6301' (13' AGL)

SURFACE CASING - 10³/₄"
 O.D. 36# K-55 SET AT
 170' WITH 125 SKS CMT TO
 SURFACE (13³/₄" HOLE)

TOC (TEMP SURVEY) - 1300'

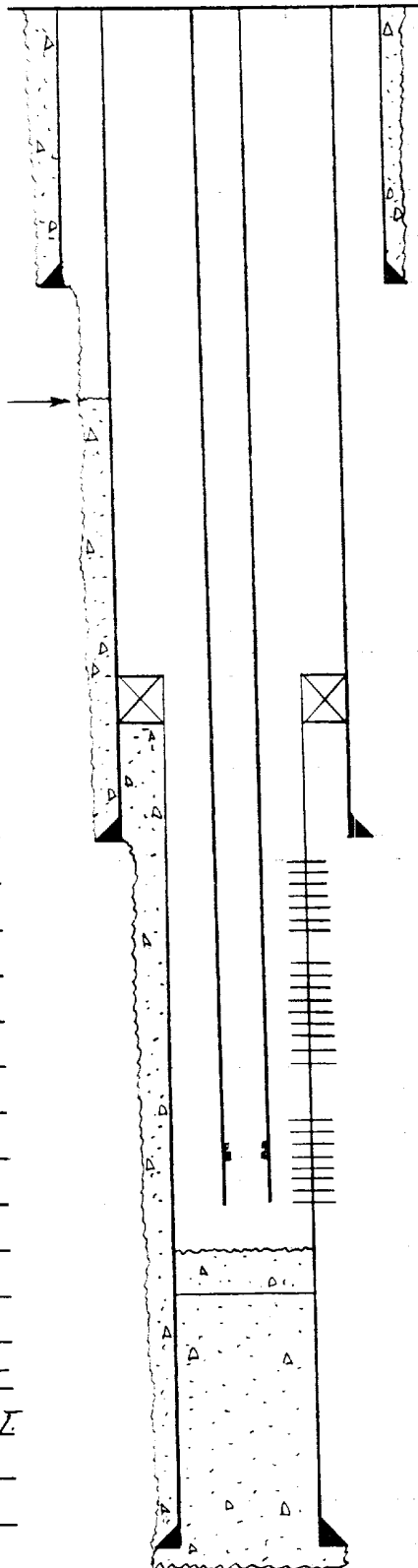
PRODUCTION CASING - 7" O.D.
 20# K-55 & N-80 SET AT
 3350' WITH 225 SKS
 (8³/₄" HOLE)

PBTD - 5491'

FC - 5542'

LINER - 4¹/₂" O.D. 10.5#
 CW-55 SET FROM 3170-
 5581' WITH 339 SKS CMT.
 CIRCULATED 50 SKS AROUND
 LINER TOP. (6¹/₄" HOLE)

TD - 5586'



DATA ON THIS COMPLETION

LOCATION: 990' FSL & 990'
 FEL, SECTION 36-T32N-R11W

TUBING STRING - 2³/₈" O.D.
 4.7# J-55 BR EUE SET AT
 5408'. (BAKER 1.81" MODEL
 "F" NIPPLE ONE JOINT FROM BT)

PERFORATIONS:

4657-61, 95-97'

4704-06, 86-90'; 4806-10'

4863-65, 74-76, 84-90'

4896-4902, 4913-25'

5314-16, 24-44, 53-61, 70-78'

5406-10'

RECEIVED

DEC 27 1993

OIL CON. DIV.
 DIST. 3

ESTIMATED TOC (FEET) = DEPTH (FEET) - HEIGHT (FEET)

- CUFT/SX

TD

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1975

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

LA. PROD.

B-11184-18;

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. E-44	
26-18: E-1545-1; E-44	
26-21: E-1542-1	

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Mesa Petroleum Co.	8. Farm or Lease Name State Com M
3. Address of Operator P.O. Box 2009 Amarillo, Texas 79105	9. Well No. 9A
4. Location of Well UNIT LETTER <u>P</u> <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>32N</u> RANGE <u>11W</u> NMPM.	10. Field and Pool, or Wildcat Blanco (Mesaverde)
15. Elevation (Show whether DF, RT, GR, etc.) 6288' GL	12. County San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER <u>4-1/2" Liner</u> ☒

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.

Ran 4-1/2" Liner as follows:

1 float shoe	1.50
1 jt 4-1/2" 10.5# CW55 w/insert float in top	39.30
60 jts 4-1/2" 10.5# CW55	2360.83
1 Burns Liner Hanger 7"x4-1/2"	4.85

Total of 2406.48, set @ 5581' (5' off bottom KBM). Top of liner @ 3170' KBM. Plugged back total depth to 5542'. Cemented with 289 sacks of 50/50 posmix, 2% gel, 6/10 of 1% D60 & 5# kolite per sack; 50 sacks of 50/50 posmix, 2% gel, 6/10 of 1% D60. Set weight on liner to seal off. Pulled up and reversed out. Circulated 50 sacks. Plugged down @ 9:35 P.M. on 8/18/75.

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

SIGNED J. L. Farrell TITLE Operations Manager DATE 8/20/75

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: XC: 3 State
1 Archer

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

B-11184-18;

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1. OIL WELL ☐ GAS WELL ☒ OTHER-	5a. Indicate Type of Lease State ☒ Fee ☐
2. Name of Operator Mesa Petroleum Co.	5. State Oil & Gas Lease No. E-44 26-18; E-1545-1; E-44 26-21; E-1542-1
3. Address of Operator P.O. Box 2009 Amarillo, Texas 79105	7. Unit Agreement Name
4. Location of Well UNIT LETTER P, 990 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 32N RANGE 11W NMPM.	8. Farm or Lease Name State Com M
15. Elevation (Show whether DF, RT, GR, etc.) 6288' GL	9. Well No. 9A
	10. Field and Pool, or Wildcat Blanco (Mesaverde)
	12. County San Juan

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NOTICE OF INTENTION TO:

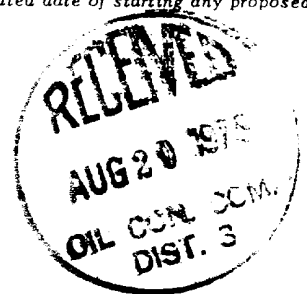
SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	
		OTHER 7" Intermediate Casing ☒	

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.

On 8/14/75 ran 7" Intermediate Casing as follows:

1 guide shoe	1.50
1 jt 7" 23# N80 LT&C w/insert float in top	39.94
37 jts 7" 20# N80 LT&C	1332.64
62 jts 7" 20# K55 ST&C	1988.04
Total of 3362.12.	



Set @ 3350' KBM. Centralizers: 1 middle of shoe jt, 1 on these collars: #'s 1, 2, 7, 12, 17, 22, 27, 32, 37, 42, & 47. Cemented with 175 sacks 65/35 pos, 12% gel, 1-1/2# kolite/sack, 1/4# gel flakes/sack, 50 sacks Class "A" 2% Calcium Chloride. Plugged down at 4:15 PM 8/14/75. Ran temperature survey in 8 hours. Top of Cement @ 1300'.

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

SIGNED J. L. Farrell TITLE Operations Manager DATE 8/15/75
APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DIST. 10.3 DATE AUG 20 1975
CONDITIONS OF APPROVAL, IF ANY: XC: 3 State 1 Archer 8/15/75

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AUG 25 1975

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

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NEW MEXICO OIL CONSERVATION COMMISSION. NMA. PROC.

B-11184-18;

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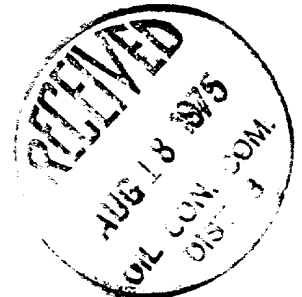
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TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER 10-3/4" casing ☒

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.

Spudded well on 8/8/75.

Ran 158' 10-3/4" casing set at 170' KBM. Cemented with 125 sacks "Class B" 2% Calcium Chloride. Plugged down at 4:00 AM 8/9/75. Circulated 25 sacks.



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

SIGNED J. L. Farrell TITLE Operations Manager DATE 8/11/75

APPROVED BY [Signature] PETROLEUM ENGINEER DIST. NO. 3 DATE AUG 18 1975
CONDITIONS OF APPROVAL, IF ANY: XC: 3 State

DAILY DRILLING REPORT
43

DATE
8-13-75

NO 2265

COMPANY <i>Mesa, Ref. Corp.</i>	LEASE <i>State Conn</i>	WELL NO. <i>M-9-A</i>	RIG NO. <i>9</i>
DISTRICT	COUNTY <i>San Juan</i>	STATE <i>N. Mex.</i>	D. P. STRING NO. <i>1</i>
			SIZE <i>5"</i>

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
2815	3150	Sand + Shale	80	3500	600	DN	Ed Jacobson	8
						EM	PATRICK RIBERA	8
						H	Jim ESKEW	8
						H		
SLOPE TEST		ACCIDENT: (GIVE NAME) <i>NO ACCIDENT</i>						
• 2940 FT.		1 st mica, 1/2 nd CMC, 1/2 nd Soda Ash						
1 1/2 DEG. OFF		D-FUEL - 6 1/2						
		DRLR <i>B. VALLEJOS</i>						

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	5		WEIGHT	9.0		DRILLING	7 1/4		SIZE D. P.	5"	
SIZE	8 3/4		VISC.			CORING			SIZE COLL.	6"	
MAKE	STC DT		WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.	BA 432		FILTER CAKE			REPAIRS	3/4		KELLY DOWN		FT.
DEPTH IN	2808		PH.			TRIP			20 COLLARS	623	FT.
HOURS RUN	8		MTL. ADDED (REMARKS)						TOTAL	3150	FT.

REMARKS: 12:00 - 4:15 DRLR 4:15 - 5:00 fix air leak on clutch 5:00 - 8:00 DRLR

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3150	3350	Sand + Shale	70	3500	700	DN	Richard Phillips	8
						EM	PETE CUREY	8
						H	AL RIDDLE	8
						H		
SLOPE TEST		ACCIDENT: (GIVE NAME)						
• 64 th FT.		19 th Starok, 2 nd S. Ash						
DEG. OFF		3 rd CAUSTIC, 2 nd Spence						
		DRLR <i>B. VALLEJOS</i>						

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	5		WEIGHT	9.0		DRILLING	7 1/2		SIZE D. P.		
SIZE	8 3/4		VISC.	5.8		CORING			SIZE COLL.		
MAKE	Smith DT		WTR. LOSS-C.C.			OTHER	1/2		JTS. D. P.		FT.
SERIAL NO.	BA 432		FILTER CAKE			REPAIRS	1/4		KELLY DOWN		FT.
DEPTH IN	2802		PH.			TRIP			COLLARS		FT.
HOURS RUN	15 1/2		MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: 8:00 to 8:15. SEH R. 9: 8:15 to 8:45 DRILLING 8:45 to 9:00 JET PITS 9:00 to 10:00 DRILLING 10:00 to 10:15 REPAIR ON PUMP ENGINE. 10:15 to 10:30 DRILLING 9: 3:30 to 4:00 CIRC

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS.
3350						DN	Charles Reed	8
						EM	Richard Sikes	8
						H	JACK DABNEY	8
						H		
SLOPE TEST		ACCIDENT: (GIVE NAME)						
1 1/2 3320 FT.		25 th 9 th el						
DEG. OFF								
		DRLR <i>B. VALLEJOS</i>						

BIT AND COREHEAD RECORD			MUD RECORD			TIME RECORD			DRILL STEM RECORD		
RUN NO.	5		WEIGHT	9.1		DRILLING			SIZE D. P.		
SIZE	8 3/4		VISC.			CORING			SIZE COLL.		
MAKE	Smith DT		WTR. LOSS-C.C.			OTHER			JTS. D. P.		FT.
SERIAL NO.	BA 432		FILTER CAKE			REPAIRS			KELLY DOWN		FT.
DEPTH IN	2808		PH.			TRIP			COLLARS		FT.
HOURS RUN			MTL. ADDED (REMARKS)						TOTAL		FT.

REMARKS: 4:00 - 5:30 Circ. Cond. Hole Perforations 5:30 8 1/2 Short Trip 2 hrs Pulling 5 Stand Hole tight 8:15 to 9:15 Circ. 9:15 to 9:30 Set 8:30 - 12:00 P.O.H. FOR LOGS

APPROVED

COMPANY REPRESENTATIVE

J. L. Archer

TOOL PUSHER