

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen  
Other \_\_\_\_\_

☐ Plug Back ☐ Duff Resvr.

5. Lease Serial No.  
NMSF078498

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
CONOCO INC

Contact: YOLANDA PEREZ  
E-Mail: yolanda.perez@usa.conoco.com

8. Lease Name and Well No.  
SJ 28-7 59

3. Address PO BOX 2197, DU 3084  
HOUSTON, TX 77252-2197

3a. Phone No. (include area code)  
Ph: 281.293.1613

9. API Well No.  
30-039-07334-00-C2

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NWNE 0890FNL 1750FEL 36.63695 N Lat, 107.59293 W Lon

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey  
or Area Sec 29 T28N R7W Mer NMP

12. County or Parish  
RIO ARRIBA

13. State  
NM

14. Date Spudded  
06/15/1956

15. Date T.D. Reached  
06/25/1956

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/16/2001

17. Elevations (DF, KB, RT, GL)\*  
6144 GL

18. Total Depth: MD  
TVD 5113

19. Plug Back T.D.: MD  
TVD 5035

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.750	10.750	33.0		182		125		0	
9.625	7.625 J-55	26.0		2908		250		1700	
6.750	5.500 J-55	16.0		5113		300		1600	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	4950							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2580	2728	2580 TO 2728			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
2580 TO 2728	SIMULTANEOUSLY FRAC PC/FC, W/ 199,800# BRADY SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/21/2001	08/09/2001	24	→	0.0	184.0	0.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	SI	165.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD  
NOV 07 2001  
FARMINGTON FIELD OFFICE  
BY

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #8456 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

NMOCD

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stern tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MESAVERDE				MESAVERDE	
				OJO ALAMO	1888
				KIRTLAND	2020
				FRUITLAND	2461
				PICTURED CLIFFS	2740
				CLIFF HOUSE	4375
				MENEFEE	4500
				POINT LOOKOUT	4927
				MANCOS	5065

## 32. Additional remarks (include plugging procedure):

This well has been trimingled in the MV/FC/PC (DHC-2766). Please refer to attached daily summary for further detailed information.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #8456 Verified by the BLM Well Information System.**  
For CONOCO INC, sent to the Farmington  
Committed to AFMSS for processing by Lucy Bee on 11/05/2001 (02LXB0279SE)

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature \_\_\_\_\_ (Electronic Submission)

Date 11/02/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

## Revisions to Operator-Submitted EC Data for Well Completion #8456

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMSF078498	NMSF078498
Agreement:		
Operator:	CONOCO INC. P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197 Ph: 281.293.1613	CONOCO INC PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197 Ph: 281.293.1613
Admin Contact:	YOLANDA PEREZ COORDINATOR E-Mail: yolanda.perez@usa.conoco.com  Ph: 281.293.1613 Fx: 281.293.5090	YOLANDA PEREZ COORDINATOR E-Mail: yolanda.perez@usa.conoco.com  Ph: 281.293.1613 Fx: 281.293.5090
Tech Contact:		
Well Name:	SAN JUAN 28-7 UNIT	SJ 28-7
Number:	59	59
Location:		
State:	NM	NM
County:	RIO ARriba	RIO ARriba
S/T/R:	Sec 29 T28N R7W Mer NMP	Sec 29 T28N R7W Mer NMP
Surf Loc:	NWNE 890FNL 1750FEL	NWNE 0890FNL 1750FEL 36.63695 N Lat, 107.59293 W Lon
Field/Pool:	BASIN FRUITLAND COAL	BASIN FRUITLAND COAL
Logs Run:		
Producing Intervals - Formations:	BASIN FRUITLAND COAL	FRUITLAND COAL
Porous Zones:		MESAVERDE
Markers:	OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS CLIFFHOUSE MENEFE POINT LOOKOUT MANCOS	MESAVERDE OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS CLIFF HOUSE MENEFE POINT LOOKOUT MANCOS

## Daily Summary

API 300390733400	County RIO ARriba	State/Province NEW MEXICO	Surface Legal Location NMPM-28N-7W-29-SE NW NE	NS Dist. (ft) 890.0	NS Flag N	EW Dist. (ft) 1750.0	EW Flag E
KB Elev (ft) 6166.00	Ground Elev (ft) 6154.00	Plug Back Total Depth (ft)KB 5,065.0	Spud Date 6/15/1956	Rig Release Date	Latitude (DMS) 36° 38' 13.02" N	Longitude (DMS) 107° 35' 34.44" W	

Start	Ops This Rpt
6/27/2001	MIRU Aztec Well #473. ND well head. locking pins on head will not back out. Called Wood Group to change out pins in AM. SDFN
6/28/2001	Check psi on well 200# on tbg 250# on csg. Changed out locking pins on well head. Kill tbg and csg w/ 45 bbls 1% KCL. NU BOP's TOOH w/ 164 Jts. 2 3/8" tbg. and 3' perforated sub. RU Blue Jet, PU and RIH w/ 5 1/2" wireline set CIBP. Set BP @ 4895' TOH w/ setting tool PU and RIH w/ GR/CCL pulled correlations log from 4895 to 4500'. PU and RIUH w/ 3 1/8" SF gun Perforated Menefee from 4666' to 4871' SF 1 SPF. RD Blue Jet SDFN
6/29/2001	Check psi on well 450# , Blow well down. PU and RIH w/ RTTS PKR. and 67jts tbg Set PKR. Psi tested csg to 3000# held ok. TOOH w/ tbg. and PKR. PU and RIH w/ 5 1/2" Frac liner and 7 jts 2 7/8" tbg. inbetween liner and 2 3/8" tbg, set liner from 4312' to 4572' across Cliff house Perfs. TOOH w/ tbg. SDFN
7/2/2001	RU Stinger Well head and BJ Services. Psi tested lines to 5000# Held ok. St. load and break down w/ 1000 gals 15% HCL acid @ 15 bbls/min Dropped 60 ball sealers no ball actions and no ball out 160 bbls fluid pumped. SD 45 min. St. step rate @ 40 bbls/min 2300# step to 32bbls/min 1850# step to 20bbls/min 1250# step to 10bbls/min. SD ISIP 1250# FG .63 St .5ppg sand @ 2200# 49 bbls/min St 1ppg sand @ 2150# 49bbls/min St. 1.5#ppg sand @ 2150# 49bbls/min Flush w/ 111bbls. ISIP 1450#. Total Vol pumped = 3381bbls slick wtr 105,000# 40/20 sand RD BJ ans Stinger Well head SDFN
7/3/2001	Check Psi on well 700# St flowing well back on 1/4" choke Flowed well for 6 hrs untill well died. PU and RIH w/ Ret. head and 73 jts tbg. latched on to liner Rel liner and moved up hole 6'. Liner stuck. Work liner for rest of day. tried to get off liner no success. SDFN
7/6/2001	SITP: 140 psi. SICP: 140 psi. Bled well down. Broke circulation with water. Circulated top of frac liner with no sand in circ returns. Released off frac liner. Hanged out stripper rubber. Washed back down to liner top. Latched on to liner. Attempted to work liner free for 2 hrs with no success. Released retrieving tool off liner. Pulled one stand & a single. SWI-SDON.
7/9/2001	SITP: 80 psi. SICP: 70 psi. Blew well down. TIH & latched on to liner. Attempted to work liner loose with no success. Released off liner. TOH with 2 3/8" tubing and retrieving tool. RU wireline truck. RIH with freepoint tools. Shot liner off @ 4472' (WL) , 4463' (Tbg). POH with wireline tools. TIH with retrieving tool, bumper sub, hyd jars, (6) 3 1/8" OD DC's, accelerator sub on 2 3/8" tbg. Latched up on liner. Pulled 10K over string weight and pulled top of liner lose. TOH with 2 3/8" tbg, top packer and 3 1/2 jts 2 7/8" liner. PU overshot for 2 7/8" tbg with same fishing assembly. TIH to 4300'. SWI-SDON.
7/10/2001	SITP: 0. SICP: 0 PSI. TIH with 3 stands tbg. Broke circulation (reverse) and dressed off top of fish with mill control. Latched on to fish. Jarred on fish for 4 hrs pulling 35K over with no success. Tried to jar down on fish with no success. Released overshot. PUH with 3 stands + single.
7/11/2001	SITP: 100 psi. SICP: 0 psi. Blew well down. TIH and latched on to fish. Attempt to jar fish loose with no success. RU Weatherford Wireline truck. RIH with freepoint tools and set down @ 1618'. POH w/FP tools. TOH with 26 stnds tbg. Found tubing stop in tbg. Removed tbg stop. TIH with 26 stnds tbg. Latched on to fish. RIH w/FP tools to 4589', ( 15' below bottom cup assembly) and did not tag sand. Attempt to run freepoint and toll would not work. POH w/FP tools. Changed out freepoint tools to 1 3/8" OD tools. RIH w/FP tools and could not passed 3rd DC. ID too small. POH w/FP tools. RD WL truck. Jarred down on fish for 1/2 hour and came off fish. TOH with fishing assembly. Had 2' pc of 2 7/8" tbg broke off inside overshot. SWI-SDON.
7/12/2001	SITP: 100 psi. SICP: 0 psi. Blew well down. TIH and latched on to fish. Attempt to jar fish loose with no success. RU Weatherford Wireline truck. RIH with freepoint tools and set down @ 1618'. POH w/FP tools. TOH with 26 stnds tbg. Found tubing stop in tbg. Removed tbg stop. TIH with 26 stnds tbg. Latched on to fish. RIH w/FP tools to 4589', ( 15' below bottom cup assembly) and did not tag sand. Attempt to run freepoint and toll would not work. POH w/FP tools. Changed out freepoint tools to 1 3/8" OD tools. RIH w/FP tools and could not passed 3rd DC. ID too small. POH w/FP tools. RD WL truck. Jarred down on fish for 1/2 hour and came off fish. TOH with fishing assembly. Had 2' pc of 2 7/8" tbg broke off inside overshot. SWI-SDON.
7/13/2001	SIP: 500 PSI. Bled well down. TIH with 4 1/2" OD shoe, (4) jts 4 1/2" OD washpipe, top sub, float sub, , hydraulic jars, (6) 3 1/8" OD DC's, X-O on 2 3/8" tbg to 2523'. Built blooeey line and dug blow pit. SWI-SDON.
7/16/2001	Check psi on well 500#, Blow well to pit. Finish TIH w/ wash pipe. Tag TOF Break Circ. w/ air mist. Wash over fish to 4570' Circ. hole clean TOOH w/ tbg and fishing tools. Fish in side wash pipe. All of fish Ret. LD wash pipe and tools. SDFN
7/17/2001	Check psi on well 750# on csg. Blow well down. PU and RIH w/ NCX Float and 72 stnds tbg tag sand @ 4800' Broke Circ. w/ air mist. C/O sand to 4867' Circ. hole clean PU to 4300' SDFN
7/18/2001	Check psi on well 600# on csg 700# on tbg. Blow well down. TIH w/ Tbg, tag sand @ 4857'. 10' of fill. Break Circ. w/ air mist, C/O sand to 4867'. Circ. well for 3 hrs. Well making no sand. TOH w/ 6 stnds tbg to 4400' test Menefee 4676' to 4876' and Cliffhouse 4380' to 4502' perfs for 4 hrs. Final tbg psi = 45# final csg psi 60# no wtr, no oil. SDFN Tested thur 1/2" choke Total Gas = 297mcf/d No oil 2 bbls wtr test witnessed by Jesse Ruiz Aztec well Service

## Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300390733400	RIO ARRIBA	NEW MEXICO	NMPM-28N-7W-29-SE NW NE	890.0	N	1750.0	E
KB Elev (ft)	Ground Elev (ft)	Plug Back Total Depth (ftKB)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)	
6166.00	6154.00	5,065.0	6/15/1956		36° 38' 13.02" N	107° 35' 34.44" W	

Start	Ops This Rpt
7/19/2001	Check psi on well 700# on tbg 770# on csg. Blow well down. TOOH w/ tbg. RU Blue Jet. Set Halli. FD BP @ 2950' TOOH w/ setting tool. Loaded hole, changed out csg valve. PU and RIH w/ CBL. CBL showed no CMT from 2950 to surface. TOOH w/ CBL tools. PU and RIH w/ perforating gun, shot 3 Sqz. holes @ 2930' POOH w/ Perf gun. Pumped 140bbbs wtr down csg. no Circ. PU and RIH w/ 5 1/2" CMT Ret. set Ret @ 2845' SDFN BLM notified 7/19/01 @ 3:30 pm
7/20/2001	Check Psi on well #0 Set CMT Ret. @ 2884' RU Hallibuton. 70bbbs 200 sxs. 12.6# Halli. Lite w/ 6% LCM gel. Led CMT. @ 750# 2 bbl min. And 10bbbs 50 sxs 14.6# w/ 2% KCL. tail CMT. @ 750#. No circ. Displaced w/ 9 bbls wtr. sting out of Ret. and Rev. out . TOOH w/ 45 stnds. tbg. SDFWE
7/23/2001	No Psi on well. RU Blue Jet RIH w/ CBL. CBL showed same results as the previous bond log run on 7/19/01. Which was no CMT from 2900' to surface. POH w/ bond logging tools. PU and RIH w/ Perf gun. Shot 3 sqz. holes @ 2440'. POOH w/ gun, RD Blue jet. PU and RIH w/ 5 1/2" CMT Ret. and 37 stnds tbg. Set Ret @ 2345'. RU Halli. Pumped 150sx (60 bbls) of 12.6# Halli lite cmt. Could not pump tail cmt. due to Equim. problems. Did not circ. cmt. to surface, but did have circ. of well bore fluid from the intermediate csg thoughtout the the job. (Due to Halli equim. problems, psi and cmt volumes are hard to calculate. Approx. 750# ave psi and 150sxs Halli lite 12.6#.) Sting out of Ret. Rev. out TOOH w/ 37 stnds tbg. SDFN
7/24/2001	No psi on well. PU and RIH w/ 4 3/4" MT bit 6 - 3 1/2" DC, X-over and 31 stnds 2 3/8" tbg. Tag TOC @ 2435' RU swivel D/O CMT RET. and 164' hard CMT. Fell out of CMT and tagged top on 1ST. RET @ 2885' PUH to 2400' SDFN.
7/25/2001	No Psi on well. TOOH w/ 34 stnds tbg 6 DC,s and bit. Closed Blind rams and tested Sqz. to 500# held ok tested to 1000# held ok. tested to 1500# csg leaked off 150# in 15 mins. Psi up csg to 1500# again held ok. psi tested to 2000# leaked off 250# in 10 mins retested to 2000# again to 2000# lost 300# in 10 mins. Sqz. not holding enough Psi to frac past. Called Blue Jet for CBL. No truck available until Fri. AM. SDFN
7/26/2001	Stand-by WO Wireline
7/27/2001	Check psi on well 0#. RU Blue Jet. RIH w/ CBL. CBL showed CMT from 2440' to 1800' to be 35% @ best and from 1800' to 1000' to 50% to 80% bonded, Discussed Problem w/ engineering and decided to attempted to Sqz Intermediate csg again . SDFWE
7/30/2001	Check Psi on well 0#. PU and RIH w/ 5 1/2" CMT Ret. set Ret. @ 2702'. RU BJ Services, Pumped 50 sx Type III 14.6# neat CMT Avg. psi 500# Displace w/ 10 bbls Sting out Ret. Did not Rev. Out. TOOH w/ tbg. and stinger. SWI SDFN
7/31/2001	Check psi on well 0#. PU and RIH w/ 4 3/4" MT bit, X-Over, 6- 3 1/2" DC's and 37 stnds. 2 3/8" tbg. Tagged TOC @ 2310' D/O CMT to 2500' tested top Szq holes @ 2440" to 2000# held ok. D/O CMT to top of CMT 2702' tested Sqz to 2000# held ok Drilled on Ret. for 2 hrs. PUH to 2500' SDFN.
8/1/2001	Check psi on well 0#. TIH w/ 5 stnds. tbg tagged top of Ret. @ 2705' D/O Ret. and CMT to 2884' TOOH w/ tbg DC's and 4 3/4" MT bit. RU Blue Jet. PU and RIH w/ CBL. CBL showed no CMT from 2880' to 2600' and good CMT. from 2600" to 1600'. Top FC perf is @ 2580' Bottom PC perf @ 2814' Good CMT ISO. down hole was confirmed by last two Sqz. jobs. CMT ISO up hole is confirmed by Bond log.. Will discuss rather to continue recompleat w/ engineering and NMOC in AM.
8/2/2001	Stand By Waiting on engineering and NMOC for approval and proceedings.
8/3/2001	Check psi on well 0#. RU Blue Jet PU and RIH w/ 3 1/8" SF Perforating guns. Perforate PC and FC w/ two gun runs. FC from 2580' to 2728' 1/2 SPF total of 17 shots. PC from 2742' to 2814' w/ 1 SPF. Total of 18 shots. RD Blue jet SDFN.
8/4/2001	.MIRU BJ Services and Stinger Well Head. Psi Test Lines to 4500#. Held ok ST. Load and Break down. Loaded well w/17 bbls 2% KCL. Broke @ 245# St Ball off Drop 42 Bio-ball Sealers. Good Ball Action no ball out. SD wait on Bio-balls to dissolve. St Pre-Pad (Step Down) @ 28bbbs/min 2850# Step to 23bbbs/min @ 2150# Step to 13.6bbbs/min @ 1140# step to 9.6bbbs/min @ 820# ISIP 415# F.G. .58 5 min 352# 10 min 343# 15 min 340# 20 min 395# St. Pad @ 43 bbls/min (Foam Rate) 2800#. St.50ppg sand @ 45bbls/min (FR) 2560# St. 1ppg sand @ 58 bbls/min (FR) 2250# St. 2ppg sand @ 60 bbls/min (FR) 2200# St. 3ppg sand @ 60bbbs/min (FR) 2200# St. 5ppg sand @ 60bbbs/min (FR) 2200# pumped 260 bbls of a 353 bbl stage and lost paddles on blinder and sanded off pumps. flush w/ 26 bbls gel.Total Sand Vol=199800# Total N2 835000scf Total Fluid Vol=731bbls Avg Treating Psi=2200#. SWI RD Stinger Well head and BJ Services. Start flowing back 1 hr after frac thur 1/8" choke @ 1100# all N2 no wtr.
8/6/2001	Flowed well back over weekend thur 1/8" choke. 7:00 am 900# on csg. Well making hvy sand and approx. 2 bbls wtr per hr. 12:00 pm 700# on csg. well making Med. sand Lt. wtr. 3:00 pm 400# on csg. well making hvy sand and hvy wtr. 6:00 pm. Turned well over to dry watch. 12:00am 400# on csg. well making Med. sand and Lt. wtr. 6:00 am. Rel dry watch.
8/7/2001	6:00am 400# on csg. Well making Lt. wtr no sand. Changed out choke to 1/4" 10:00 am 330# on csg. well making Lt. wtr no sand. 12:00 pm 330# on csg. Lt. wtr no sand. 3:00pm 330# on csg Lt. wtr no sand. Changed out choke to 1/2" 6:00 pm 225# on csg no sand Lt. wtr. SWI. SDFN
8/8/2001	Check psi on well 710# on csg. Blow well down thur 1/2" to 250# opened well up thur 2" killed well w/ 30 bbls wtr. PU and RIH w/ NC and 45 stnds 2 3/8" tbg tagged sand @ 2835' broke circ. w/ air mist. C/O sand to 2884' (Top of 1st CMT. RET.) Circ. well for 1 hr. PUH to 2400' SDFN
8/9/2001	Check psi on well 525# on csg. Blow well down thur 1/2" choke to 200#. Open up thur 2" to 75# opened BOP's RIH w/ tbg. to 2860' Approx. 25' of fill. Broke Circ. w/ air mist. C/O sand to 2884' Circ. well for 2 hrs. PUH to 2506' tested FC/PC perfs from 2580' to 2814' for 4hrs thur 1/2" choke, Csg. psi 160#, Tbg. psi 120# Total gas = 798mcf/d no wtr no oil. (Further allocation will be determind by spinner log which will be run tomorrow.) TIH tbg tagged @ 2884' no new sand PUH to 2506' SDFN.

## Daily Summary

API	300390733400	County	RIO ARRIBA	State/Province	NEW MEXICO	Surface Legal Location	NMPM-28N-7W-29-SE NW NE	NS Dist. (ft)	890.0	NS Flag	N	EW Dist. (ft)	1750.0	EW Flag	E
KB Elev (ft)	6166.00	Ground Elev (ft)	6154.00	Plug Back Total Depth (ftKB)	5,065.0	Spud Date	6/15/1956	Rig Release Date		Latitude (DMS)	36° 38' 13.02" N	Longitude (DMS)	107° 35' 34.44" W		

Start	Ops This Rpt
8/10/2001	Check psi on well 600# on csg and 600# on tbg. Blow well down thur 1/2" choke. Opened pipe ram TOO H w/ 48 stdns tbg. RU Expert Down Hole slick line and Pro-Technics. RIH w/ spinner log. and after frac log. (SPINNER LOG RESULTS AS FOLLOWS 23% GAS PRODUCTION FROM FC AND 77% FROM PC) RD Pro-Technics and Expert Down Hole. SDFN
8/13/2001	Check psi on well 545# on csg. PU and RIH w/ 4 3/4" MT bit, X-over, 6 -3 1/2" DC's and 45 stdns 2 3/8" tbg. Tagged plug @ 2884' no new sand. RU swivel broke Circ. w/ air mist. D/O Cmt Ret. and 67' of Cmt. to Fast drill plug set @ 2950' Circ. well clean. PUH 6 stdns. SDFN
8/14/2001	C heck psi on well, 525# on csg. TIH w/ 6 stdns. tbg Broke circ. w/ air mist. D/O Fast Drill plug set @ 2950' TIH w/ 25 Stdns tbg. Tagged CIBP @ 4895' D/O plug. TIH w/ 3 stdns.Circ. hole clean. PUH 12 stdns SDFN.
8/15/2001	Check psi on well, 400# on csg. TIH w/ 16 stdns tbg. tagged fill @ 5015' Broke Circ. w/ air mist C/O fill to 5035' Circ. hole clean. PUH to 4300' Tested all zones thur 1/2" choke for 3 hrs. Final psi = 150# on tbg and 165# on csg. no wtr no oil. Total gas vol=990mcf/day. FC/PC = 798mcf and MV = 192mcf. All test Witnessed by Loe Jake Aztec Well Service. TOO H w/ 83 stdns tbg. (layed down 18 bad Jts.) Layed down 6-3 1/2" DC's, X-over, bit sub and 4 3/4" MT bit. SDFN
8/16/2001	Check psi on well 400# on csg. Blow well down. PU and RIH w/ Halli. pump out plug, SN and 156 jts 2 3/8" 4.70# J-55 eue 8rd. tbg. land tbg @ 4950' ND BOP's NU well head. RU air and pump out plug. Circ. well for 1 1/2 hrs. Hook up wellhead. Truned well over to production.RDMO. FINAL REPORT.