

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2164A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

RECEIVED

91 FEB 11 PM 2:01

019 FARMINGTON, N.M.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Sirgo Operating, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3531, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

Unit A, 890 FNL 890 FEL

14. PERMIT NO.

30-045-D792000

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

Navajo

7. UNIT AGREEMENT NAME

NW Cha Cha Unit

8. FARM OR LEASE NAME

9. WELL NO.

39

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 27 T29N R14W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Change in well #

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change well number from 27#41 to 39

18. I hereby certify that the foregoing is true and correct

SIGNED

Bonnie Atwater

TITLE Production Technician

ACCEPTED FOR RECORD
DATE 2-6-91

(This space for Federal or State office use)

JUN 01 1991

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY

Sm~

*See Instructions on Reverse Side

OPERATOR

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo Tribal

			X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-2168

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<u>MAY 11</u> 1960
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		<u>Sandoli Frac.</u>	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 10, 1960

Ojo Amarillo

Well No. 1 is located 890 ft. from N line and 890 ft. from E line of sec. 27

NE/4 NE/4 Section 27

29N

14W

NMPM

(4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Undesignated

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 5746 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

May 5, 1960 Total Depth 6105'. Plug Back Depth 5850'. Clean Out Total Depth 5450'.
Sandoli fractured Lower Gallup perforated intervals 5322'-5344' (4 sh./ft.)
with 62,160 gals. lease crude and 75,000# sand. Breakdown pressure 2400
psig; maximum treating pressure 2700 psig; average treating pressure
2500 psig. Injection Rate: 44.5 bbls./min. Flush with 6280 gals. oil.
Dropped 44 perforation ball sealers one time, 400 psig increase.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Products CompanyAddress Post Office Box 1565Farmington, New Mexico

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

By Petroleum Engineer

Title

(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo Tribal**

			X

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Contract

Allottee

Lease No. **14-20-603-2168**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 10 1960

Ojo AmarilloWell No. **1** is located **890** ft. from **N** line and **890** ft. from **E** line of sec. **27****NE/4 NE/4 Section 27****29N****14W****NMPM**

(4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Undesignated**San Juan****New Mexico**

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **5746** ft.

MAY 12 1960

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate casing points, and all other important proposed work)

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO**April 29, 1960 Total Depth 6105', Plug Back Depth 5850', Clean Out Depth 5450'.****On 4-28-60 peris. 5233'-5244' (4 in./ft.). Shot out of zone.****On 4-29-60 squeezed off peris. 5233'-5244' with 100 sacks neat****cement. Retrievable cementing tool set at 4924'. Pumped in at 2200 psig; maximum pressure 2000 psig. Left 2000 psig on tubing for 18 hours. Pulled cementing tool, drilled out cement and cleaned out to 5450'. Pressured casing to 2500 psig, held 30 minutes.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

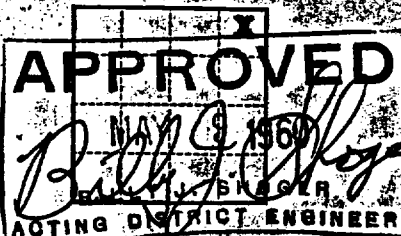
Company **El Paso Natural Gas Products Company**Address **Post Office Box 1565****Farmington, New Mexico**

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

By

Title **Petroleum Engineer**

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo TribalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-2168

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☐	SUBSEQUENT REPORT OF WATER SHUT-OFF	☐
NOTICE OF INTENTION TO CHANGE PLANS	☐	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	☐
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	☐	SUBSEQUENT REPORT OF ALTERING CASING	☐
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	☐	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	☐
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	☐	SUBSEQUENT REPORT OF ABANDONMENT	☐
NOTICE OF INTENTION TO PULL OR ALTER CASING	☒	SUPPLEMENTARY WELL HISTORY	☐
NOTICE OF INTENTION TO ABANDON WELL	☐		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 6 1960

Ojo Amarillo
Well No. 1 is located 890 ft. from N line and 890 ft. from E line of sec. 27
NE/4 NE/4 Section 27 29N 14W NMPM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5746 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

VERBAL APPROVAL OBTAINED APRIL 22, 1960.

It is intended to plug this well back to the Gallup Formation. A cement plug will be set from 5850' to 6105' with 105 sacks neat cement. Casing will be set through the Gallup Formation to Approx. 5500'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Products CompanyAddress Post Office Box 1565
Farmington, New MexicoORIGINAL SIGNED BY: J. SEPH E. KREGER
By _____
Title Petroleum Engineer

(SUBMIT IN TRIPLICATE)

Navajo Tribal
Indian Agency

14-20-603-2168

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allotted

Loan No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	RECEIVED MAY 3 1964 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA

May 4, 1960

Ole Anillo

Well No. 1 is located 890 ft. from N line and 890 ft. from E line of sec. 27

ME/4 ME/4 Dec. 27

29 JAN 1971

254

(14 Sec. and Sec. No.)

(Type) (Rank)

(Meridian)

Undes. San Juan

New Mexico

Field

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 5746 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing, and other important work; show log points, and all other important proposed work)

4-23-60 Total Depth 6103'. Set cement plug from 5850' to 6103'
with 105 sacks past cement. Ran 137 joints 3-1/2", 13.38, J-55 Casing
(5488.82') set at 5499.82' with 100 sacks regular cement, 100 sacks
Formix, 12 gal. 25 lb/sk. Gilsenite.
Held 1000#/30 Minutes.
Top of cement by (temperature survey) 4400'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Products Company

Address **Post Office Box 1363**

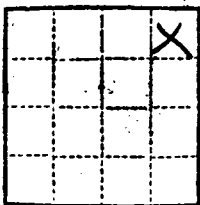
Farmington, New Mexico

ORIGINAL SIGNED BY: JOSEPH E. KREGER

Bv

Title Petroleum Engineer

Form 9-331a
(Feb. 1961)



"BLUE"

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 43-R358.4
Approval expires 12-31-60.

Land Office NAVAJO TRIBAL

Lease No. _____

Unit 14-20-603-216E

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	☒
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

✓ March 31, 1960
OJO AMARILLO
Well No. 1 is located 890 ft. from N line and 890 ft. from E line of sec. 27
NE NE 1/4 Sec 27 29N 14W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undes. SJ New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5746 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Spud Date: 3-30, 1960 3-31, 1960 TD 225 ft.
Ran 5 joints 9 5/8 ", 36.00 #, J-55 Csg.
(208 ') set at 219 ' with 225 sacks regular cement 20. Cal 12 circulated to surface. Held 500 #/30 Min.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

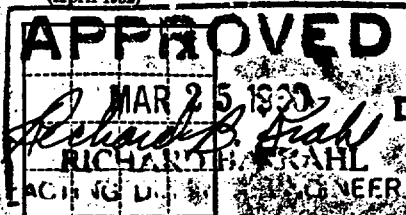
Company El Paso Natural Gas Products Company

Address Post Office Box 1565
Farmington, New Mexico

ORIGINAL SIGNED BY: JOSEPH E. KREGER

By _____

Title Petroleum Engineer



(SUBMIT IN TRIPLICATE)

Plan Agency **Navajo Tribal Court**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee _____
Lease No. **14-20-603-2168**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

RECEIVED
MAR 25 1960
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 23, 1960

Ojo Amarillo
Well No. **1** is located **890** ft. from **[N]** line and **890** ft. from **[E]** line of sec. **27**
NE/4 NE/4 Section 27 **29N** **14W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5746** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to drill a well through the Dakota Formation using rotary tools and mud circulation. Possible productive intervals will be perforated and sand/oil fractured.

Estimated Total Depth 6100'.

Casing Program:

9-5/8" at 200' with 150 sacks cement circulated to surface.

5-1/2" at 6100' with 300 sacks cement.

The E/2 of Section 27 is dedicated to this well.

E/2 Section 27 Navajo Tribal 14-20-603-2168

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Products Company**Address **Post Office Box 1565****Farmington, New Mexico**

ORIGINAL SIGNED BY: JOSEPH E. KREGER

Title **Petroleum Engineer**

WELLBORE DIAGRAM

DF
~~K.B.~~ ELEV.: 5746
 K.B. CORRECTION:
 G.L. ELEV.: 5734

HOLE SIZE: _____"

9 5/8" 36 # 555 GRADE
 SET AT 219
 CEMENT WITH 225 SX
 Top of Cement at Surf

HOLE SIZE: _____"

D.V. tool @ _____'
 Cement with _____ SX

*TOP PERF: 5322

FIELD: Cha Cha
 FORMATION: Gallup
 *BOT PERF: 5344

PBTD: 5850'

TOTAL DEPTH 6105'

*INDIVIDUAL PERFS: 5233-44 & 502
5322-44

Cmt plug from 5850-6105 w/105 SX
5 1/2" 15.5 # 555 GRADE
 SET AT 5500
 CEMENT WITH 200 SX _____ STGS
 Top of cement at 4400

 SPF - _____ HOLES

LEASE NAME: Cha Cha WELL NO.: 2741 27-4

WELLBORE DIAGRAM AS OF DATE: 11/1/90

STATE: NM COUNTY: San Juan Unit A SECTION: 27

TOWNSHIP: 29N RANGE: 14W LEGAL: 890 N 890 E

OPERATOR: SOI WORKING INTEREST: _____ ROYALTY INTEREST: _____

COMPLETION DATE: 5/18/60 CURRENT STATUS: (PI/P) (FLOW) (INJ) (T/A) (SI) Active
Well was Cored