

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Northwest Cha Cha

8. FARM OR LEASE NAME

NW Cha Cha Unit

9. WELL NO.

24-22

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

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

Sec 22-29N-14W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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.)

1. OIL ☒ WELL GAS ☐ WELL OTHER ☐

2. NAME OF OPERATOR

Humble Oil & Refining Company

3. ADDRESS OF OPERATOR

P. O. Box 120, Denver, Colorado

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

At surface

SWSW(660' FSL & 1980' FWL) of Section 22

14. PERMIT NO.

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

5664' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.) *

12-7-71 - Mix and pump 40 sack cement plug 5000-5347' squeezed at 1000 psi.

12-10-71 - Tubing stuck at 5000', shot tbg off at 4620', spot 15 sack cement plug 2750-2650', 15 sack cement plug 950-1050', 12 sack cement plug 0-30', squeezed 12 sack cement in 5 1/2 x 8-5/8" annulus.

12-11-71 - Set regulation dry hole marker in top of casing.
Intervals between plugs filled with mixed mud.

2-7-72 - Location cleaned ready for inspection.

cc: 2- NM O&G Commission

1 - Minerals Supervisor - Navajo Tribe

1 - Midland

1 - Clinton

RECEIVED

FEB 14 1972

Jt. Operations

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

SIGNED

TITLE Dist. Superintendent

DATE 2-9-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TR
(Other instructi
verse side)CATE*
on re-Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Northwest Cha Cha

8. FARM OR LEASE NAME

Northwest Cha Cha Unit

9. WELL NO.

24-22

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

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

Sec 22-29N-14W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)
2. NAME OF OPERATOR Humble Oil & Refining Company		5664 KB
3. ADDRESS OF OPERATOR P. O. Box 120, Denver, Colorado 80201		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SWSW (660' FSL & 1980' FWL) of Section 22		

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

//Well is an uneconomical producer & not essential to waterflood operations. Last test 6-13-68 4 BOPD & 218 BWPD. TD 5395', PBTD 5347'. 8-5/8" csg set in 11" hole at 192' w/110 sxs cement circulated to surface. 5½" 14# csg set in 7-7/8" hole @ 5391' w/210 sxs cement, TOC 4050' calc. Squeezed csg leak at 2600' w/400 sxs cement, TOC 400' Calc. Perforated 5229-5237' w/6 shots per ft.

We propose to plug and abandon as follows: Spot 40 sxs cement 5347-5100' inside 5½" csg, 15 sxs cement 2650-2750' inside 5½" csg, 15 sxs cement 950-1050' inside 5½" csg, 12 sxs cement 0-30', Squeeze 10 sxs cement in annulus between 5½" and 8-5/8" casing. Intervals between plugs to be filled with mixed mud. Place regulation dry hole marker in top of production casing and clean location for inspection.

cc: 2 - NM O&G Commission

1 - Minerals Supergisor - Navajo Tribe

1 - Midland

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

SIGNED

TITLE

Dist. Chief Engineer

DATE

10-4-71

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other instructions
verse side)FE
reForm approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2199
2. NAME OF OPERATOR Humble Oil & Refining Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 120, Denver, Colorado 80201		7. UNIT AGREEMENT NAME H. W. Cha Cha Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW (660' FSL & 1980' FWL) of Section 22.		8. FARM OR LEASE NAME H. W. Cha Cha Unit
14. PERMIT NO.		9. WELL NO. 24-22 131
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5664' KB		10. FIELD AND POOL, OR WILDCAT Cha Cha Gallup
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22-29N-14W - BLM
		12. COUNTY OR PARISH San Juan
		13. STATE New Mexico

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 PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) **Repair Casing Leak**

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☒

(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.)*

Set bridge plug at 3200' and dumped 2 sacks of sand on plug. Circulated fresh water behind casing to clean hole. Squeezed with 400 sacks 50-50 Pomix, 2% gel down casing, displaced with water. Maximum pressure 2000#. Cleaned out and tested at 800#, held ok. Put on production.

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

SIGNED **COPY (Original Signed) J. ROY DORROUGH**TITLE **Dist. Supt.**DATE **8-1-68****J. Roy Dorough**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN (Other instructions on reverse side) LOCATE* as on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

N. W. Cha Cha Unit

8. FARM OR LEASE NAME

N. W. Cha Cha Unit

9. WELL NO.

24-22

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

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

Sec. 22-29N-14W - RMPM

14. PERMIT NO.

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

5664' KB

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Repair leak in 4 $\frac{1}{2}$ " casing at approximately 2600' as follows:

Pull tubing and set retrievable bridge plug 200-300' below leak and cover with sand. Establish circulation through the leak with fresh water. Squeeze with 400 sacks 50-50 Pozmix with 2% gel using water for displacement. WOC 24 hours, drill out cement, pressure test casing to 800 psi. Retrieve bridge plug, clean out and return to production status.

Note: Casing failure report has been submitted to the New Mexico Oil Conservation Commission.

RECEIVED

FEB 19 1968

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SIGNED

J. Roy Borroughs

TITLE Dist. Supt.

DATE 2-14-68

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

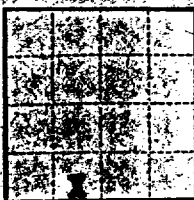
DATE

APPROVED

FEB 19 1968

P. T. McGRATH

*See Instructions on Reverse Side



(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 11-20-603-2199

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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

Navajo Tribal "E"

Farmington, New Mexico July 18, 1960

Well No. 1 is located 660 ft. from S line and 1980 ft. from W line of sec. 22

SE 1/4 SW 1/4 of Section 22 T-29N R-11W N.M.P.M.

Undesignated Gallup San Juan New Mexico

The elevation of the derrick floor above sea level is 566 ft. (RUB)

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)

Plug back depth 5347'. Moved in completion July 8, 1960. Ran tubing and displaced water with oil. Spotted 500 gallons mud on bottom. Tested casing with 3000 psi which held with no indication of pressure drop. Perforated Gallup with 6 shots per foot 5229-5237'. Sand oil fracked with 29,900 gallons oil and 30,000 pounds sand. Breakdown pressure 1100 psi. Average treating pressure 2300 psi increasing to 3200 psi on flush. Average injection rate 37 barrels per minute. Landed 2" tubing at 5223'. Completed July 15, 1960 as flowing oil well in Undesignated Gallup Field. Potential test July 15, 1960 flowed 147 barrels oil per day. Tubing pressure flowing 110 psi, casing pressure flowing 360 psi, 16/64" choke.

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

Company Pan American Petroleum Corporation

Address P. O. Box 480

Farmington, New Mexico

Attention L. O. Spear, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Area Engineer



well file

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo Tribal

Allottee

Lease No. 14-20-603-2199

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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)

Navajo Tribal "E"

Farmington, New Mexico

July 18, 1960

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 22

SE 1/4 SW 1/4 of Section 22 T-29N
(1/4 Sec. and Sec. No.)

R-14W
(Range)

N.M.P.M.
(Meridian)

Undesignated Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5664 ft. (RDB)

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)

Total depth 5395'. Ran electric log at 5380' and drilled to 5395'. Set 5-1/2" casing at 5391' with 110 sacks 6 percent cement containing 1-1/2 pounds tuf plug per sack followed by 100 sacks neat cement. Received good circulation throughout. Tested casing with 3000 psi for 15 minutes which held with no indication of pressure drop. Released rig July 6, 1960.

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

Company Pan American Petroleum Corporation

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Area Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Navajo Tribal

Allottee _____

Lease No. 14-20-603-2199

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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)

Navajo Tribal #E#

Farmington, New Mexico June 24, 1960

Well No. 1 is located 660 ft. from [S] line and 1980 ft. from [W] line of sec. 22

SE/4 SW/4 of Section 22 T-29-N R-14-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Undesignated Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5664 ft. (RDB)

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)

Spudded 11" hole on June 21, 1960 and drilled to 193'. 8-5/8" casing was set at 192' with 110 sacks of cement with 2 percent calcium chloride. Circulated 15 sacks of cement. After waiting on cement, tested casing with 400 psi which held with no indication of pressure drop. Reduced hole to 7-7/8" at 193'.

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

Company Pan American Petroleum Corporation

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Area Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES

Navajo Tribal

DEPARTMENT OF THE INTERIOR

Allottee _____

GEOLOGICAL SURVEY

Lease No. 14-20-603-2199

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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)

Navajo Tribal "B"

Farmington, New Mexico June 20, 1960

Well No. 1 is located 660 ft. from ☒ line and 1980 ft. from ☒ line of sec. 22SE/4 SW/4 of Section 22 T-29-N R-14-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Undesignated Gallup
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. (To be reported later)

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)

We propose to drill the above well to approximately 5500' to test and develop productive Gallup zones. Stimulation will be as indicated upon penetration of Gallup pay. Rotary tools will be used to total depth. Casing program as follows:

SIZE	DEPTH	CEMENT	REMARKS
8-5/8"	200'	200 sacks	Neat - circulate
5-1/2"	5500'	200 sacks	6 percent gel cement with 100 sacks neat on bottom.

Copies of location plats attached. A copy of any survey taken will be submitted upon completion of well.

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

Company Pan American Petroleum Corporation

Address: Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title Area Engineer

WELLBORE DIAGRAM

K.B.ELEV.: 5664
 K.B.CORRECTION: 12
 C.L.ELEV.: 5652

WOLE SIZE: 11"

8 5/8" 22.7" GRADE
 SET AT 192'
 CEMENT WITH 110 SX
 Top of Cement at Circ

E SIZE: 7 7/8"

D.V. tool @ _____'
 Cement with _____sx

950 > 15 SX
 1050

2650 > 15 SX
 2750

← Shotting off @ 4620

5000 > 40 SX

*TOP PERF: 5229

FIELD: _____

LOCATION: _____

*BOT PERF: 5237

5347

PBTD: 5347'

TOTAL DEPTH 5395'

*INDIVIDUAL PERFS: _____

5 1/2" 14" GRADE
 SET AT 5391'
 CEMENT WITH 210 SX STGS
 Top of cement at _____

6 SPF = _____ HOLES

LEASE NAME: Cha Cha WELL NO.: 22-15

WELLBORE DIAGRAM AS OF DATE: _____

STATE: NM COUNTY: San Juan BLOCK: _____ SECTION: 22

TOWNSHIP: 29 N RANGE: 14 W LEGAL: 660 E 3/4 1980 EWL

OPERATOR: SOI WORKING INTEREST: _____ ROYALTY INTEREST: _____

COMPLETION DATE: 7-15-60 CURRENT STATUS: (PIW) (FLOW) (INJ) (T/A) (SI) P+Q

REMARKS:

12-11-71