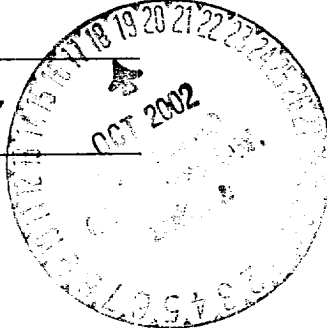


submitted in lieu of Form 3160-5

RECEIVED  
BLM

UNITED STATES  
DEPARTMENT OF THE INTERIOR 02 SEP 16 PM 1:46  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells ALBUQUERQUE, N.M.

<p>1. Type of Well Oil <u>Chace Oil Co.</u></p> <p>2. Name of Operator Golden Oil Company</p> <p>3. Address &amp; Phone No. of Operator 550 Post Oak Blvd, Suite 550, Houston, TX 77027</p> <p>Location of Well, Footage, Sec., T, R, M 1775' FSL and 990' FEL, Sec. 20, T-23-N, R-3-W,</p>	<p>5. Lease Number Jicarilla 15</p> <p>6. If Indian, All. or Tribe Name Jicarilla Apache</p> <p>7. Unit Agreement Name</p> <p>8. Well Name &amp; Number Chace Apache #15-2</p> <p>9. API Well No. 30-043-20280</p> <p>10. Field and Pool Chacon Dakota</p> <p>11. County &amp; State Sandoval County, NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

Golden Oil Company plans to plug and abandon this well per the attached procedure.

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

Signed Ted Oldham Title Director of Operations Date 9/10/02  
Ted Oldham

(This space for Federal or State Office use)  
APPROVED BY Brian W. Davis Title Lands and Mineral Resources Date OCT 11 2002  
CONDITION OF APPROVAL, if any:

## PLUG AND ABANDONMENT PROCEDURE 9/6/02

**Chace Apache 15 #2**  
**Chacon Dakota / WC Gallup**  
**1775' FSL & 990' FEL, Section 20, T23N, R3W**  
**Sandoval County, NM**

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with NMOCD, BLM and Golden safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH with 2-3/8" tubing, total 7242'. Inspect tubing, if necessary LD and PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 7042'. Note fluid level.
3. **Plug #1 (Dakota perforations and top, 7042' – 6942')**: Set a 4-1/2" cement retainer at 7042'. Pressure test tubing to 1000#. Pump 40 bbls water down tubing. Mix 11 sxs cement and spot a balanced plug inside casing above the retainer to isolate the Dakota perforations. TOH.
4. **Plug #2 (Gallup perforations and top, 5944' – 5844')**: TIH and set a 4-1/2" cement retainer at 5944'. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 11 sxs cement and spot a balanced plug inside casing above retainer to isolate Gallup perforations. PUH to 4510'.
5. **Plug #3 (Cliffhouse top, 4510' – 4410')**: Mix 11 sxs cement and spot a balanced plug inside casing to cover the Cliffhouse top. TOH with tubing.
6. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo tops, 2960' -2475')**: Perforate 3 squeeze holes at 2960'. If the casing tested, then establish rate into squeeze holes. Set 4-1/2" CR at 2910'. Mix and pump 228 sxs cement, squeeze 187 sxs outside casing and leave 41 sxs inside casing to cover through the Ojo Alamo top. TOH with tubing.
7. **Plug #5 (Nacimiento, 1375' – 1275')**: Perforate 3 squeeze holes at 1375'. If the casing tested, then establish rate into squeeze holes. Set 4-1/2" CR at 1325'. Mix and pump 50 sxs cement, squeeze 39 sxs outside casing and leave 11 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
8. **Plug #6 (8-5/8" casing shoe, 296' - Surface)**: Perforate 3 squeeze holes at 296'. Establish circulation out bradenhead with water. Mix and pump approximately 100 sxs cement down 4-1/2" casing to circulate cement out the bradenhead valve. Shut in and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# Chace-Apache 15 #2

## Current

Chacon Dakota / WC Gallup

API #30-43-20280

SE, Section 20, T-23-N, R-3-W, Sandoval County, NM

Today's Date: 9/6/02

Spud: 7/18/77

Completed: Dakota 8/8/77

Re-completed: Gallup 11/14/82

Elevation: 7250' GL  
7263' KB

11" hole

8-5/8" 24# Casing set @ 246'  
Cmt w/155 sxs (Circulated to Surface)

Nacimiento @ 1325'

Ojo Alamo @ 2525'

Kirtland @ 2680'

Fruitland @ 2810'

Pictured Cliffs @ 2910'

Cliffhouse @ 4460'

Gallup @ 5960'

Dakota @ 7150'

## WELL HISTORY

**Nov '82:** TIH and tag bottom 7332'. Squeeze casing leak 4646' – 4737' with 15 bbls of cement. Attempt to run CBL; fluid in hole too gas cut. Re-complete Dakota Zones and add Tocito, Gallup perforations. Land tubing at 7242'.

Well has tubing, but no rods.

2-3/8" tubing @ 7242'

TOC @ 4437' (Calc, 75%)

Squeeze casing leak 4646' – 4737'  
with 15 bbls cement (11/82)

Gallup Perforations:  
5994' - 6218', 6741' – 6874'

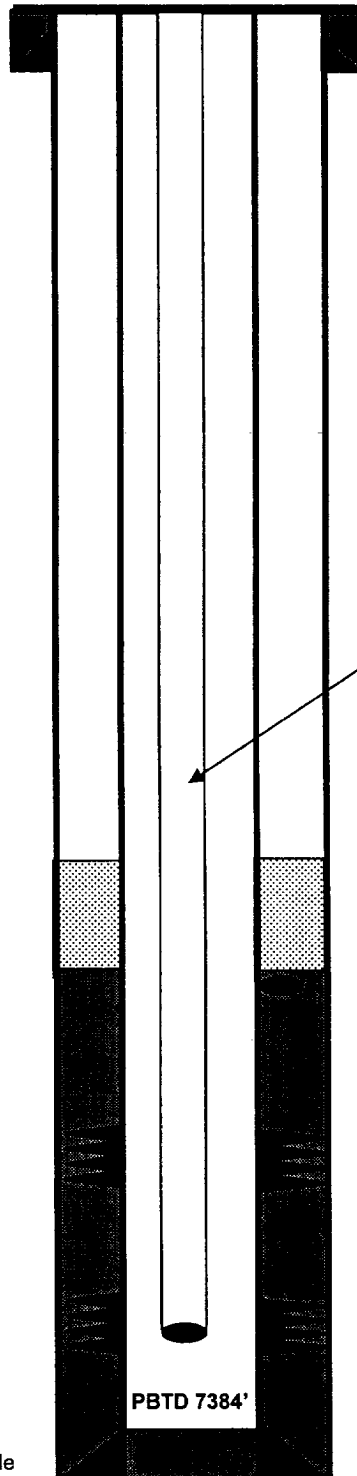
Dakota Perforations:  
7092' – 7258', 7264' – 7278'

4-1/2" 11.6# Casing set @ 7412'  
Cement with 900 sxs (1485 cf)

7-7/8" hole

PBTD 7384'

TD 7486'



# Chace-Apache 15 #2

## Proposed P&A

Chacon Dakota / WC Gallup

API #30-43-20280

SE, Section 20, T-23-N, R-3-W, Sandoval County, NM

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Spud: 7/18/77

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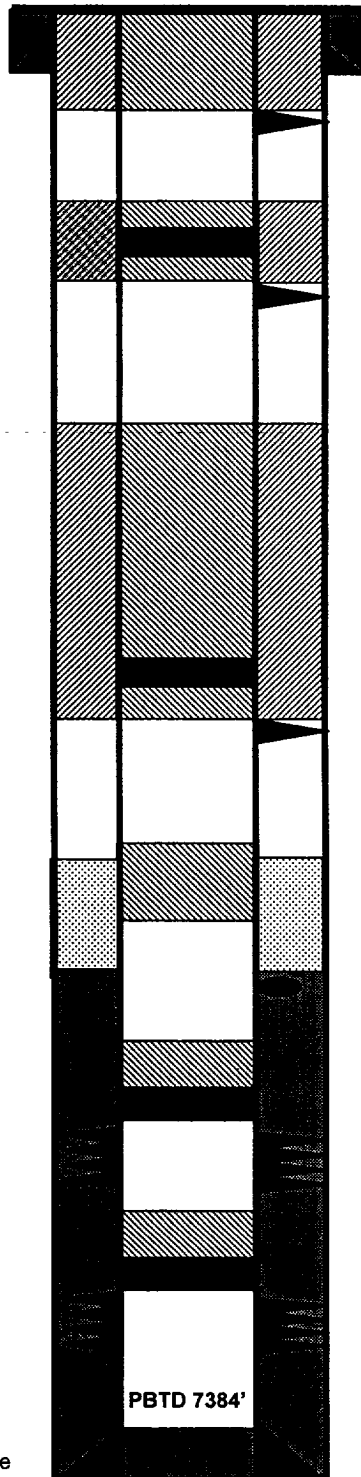
Fruitland @ 2810'

Pictured Cliffs @ 2910'

Cliffhouse @ 4460'

Gallup @ 5960'

Dakota @ 7150'



8-5/8" 24# Casing set @ 246'  
Cmt w/155 sxs (Circulated to Surface)

Perforate @ 296'

Plug #6: 296' – Surface  
Cmt with 100 sxs

Cmt Retainer @ 1325'

Perforate @ 1375'

Plug #5: 1375' – 1275'  
Cmt with 50 sxs, 39 outside  
and 11 inside

Cmt Retainer @ 2910'

Perforate @ 2960'

Plug #4: 2960' – 2475'  
Cmt with 228 sxs, 187  
outside and 41 inside

TOC @ 4437' (Calc, 75%)

Plug #3: 4510' – 4410'  
Cmt with 11 sxs

Squeeze casing leak 4646' – 4737'  
with 15 bbls cement (11/82)

Set CR @ 5944'

Gallup Perforations:  
5994' - 6218', 6741' – 6874'

Plug #2: 5944' – 5844'  
Cmt with 11 sxs

Set CR @ 7042'

Dakota Perforations:  
7092' – 7258', 7264' – 7278'

Plug #1: 7042' – 6942'  
Cmt with 11 sxs

4-1/2" 11.6# Casing set @ 7412'  
Cement with 900 sxs (1485 cf)

TD 7486'

IN REPLY REFER TO  
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
Albuquerque Field Office  
435 Montano N.E.  
Albuquerque, New Mexico 87107

Company Golden Oil Company

Well No. Chase Apache 15 No. 2

Location 1775' FSL & 990' FWL Sec. 20, T23N, R3W, NMPM

Lease No. Jicarilla Contract 15

Government Contacts:

Bureau of Land Management, Albuquerque Field Office Office 505.761.8700  
Manager: Steve Anderson, Assistant Field Manager 505.761.8982  
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,  
Pager 505.969.0146, Cell 505.249.7922,  
Petroleum Engineering Technician: **Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741**  
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

**GENERAL REQUIREMENTS**  
**FOR**  
**OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES**

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

N/A

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped/disked to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.