IUN 21 1982

June 17, 1982

YATES DRILLING COMPAN

YATES BUILDING - 207 SOUTH 4TH ST. - (505) 746-3558

ARTESIA, NEW MEXICO - 88210

PEYTON YATES. PRESIDENT

S. P. YATES, Vice President

B. W. HARPER. SEC.-TREAS.

JACK W. MCCAW. Asst. Sec.-Treas.

Mr. Joe Ramey, Secretary-Director New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87503

> Re: Sotol "UQ" Federal #1 Lease # NM-31186 Section 7-T15S-R30E 850' FSL and 1450' FWL Chaves County, New México

Double L' Queen Associat

NSL- 1553 Rule 2(C) 12-82 Rule 7-12

Dear Mr. Ramey,

Yates Drilling Company would appreciate an administrative approval for a proposed unorthodox Queen gas well location, as provided for under NMOCD Rule 104F.

The enclosed map shows the topography in the southwest quarter of Section 7. Our preferred location was 990' FSL and 1650' FWL. As can be seen on the map, this location falls on the gas pipeline right-of-way. The Minerals Management Service and Bureau of Land Management will not approve this location as there is an archaeological site on the east side of the piepline, from our preferred location. Thus, we are requesting administrative approval for this location for topographical and archaeological reasons.

The enclosed land map shows the offset operators who have been notified by certified mail of our request.

We will appreciate your expeditious approval and issuance of the administrative order.

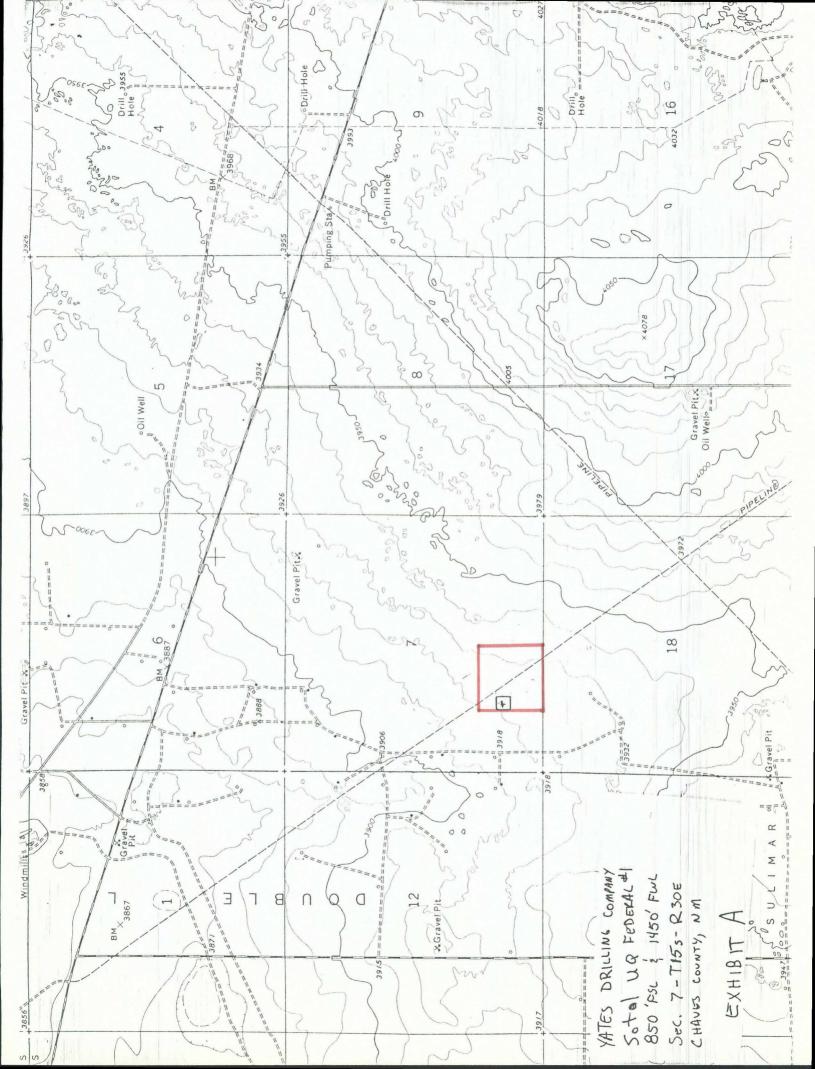
Very truly you**x**

Ken Beardemph↓ Regulatory Coordinator YATES PETROLEUM CORPORATION

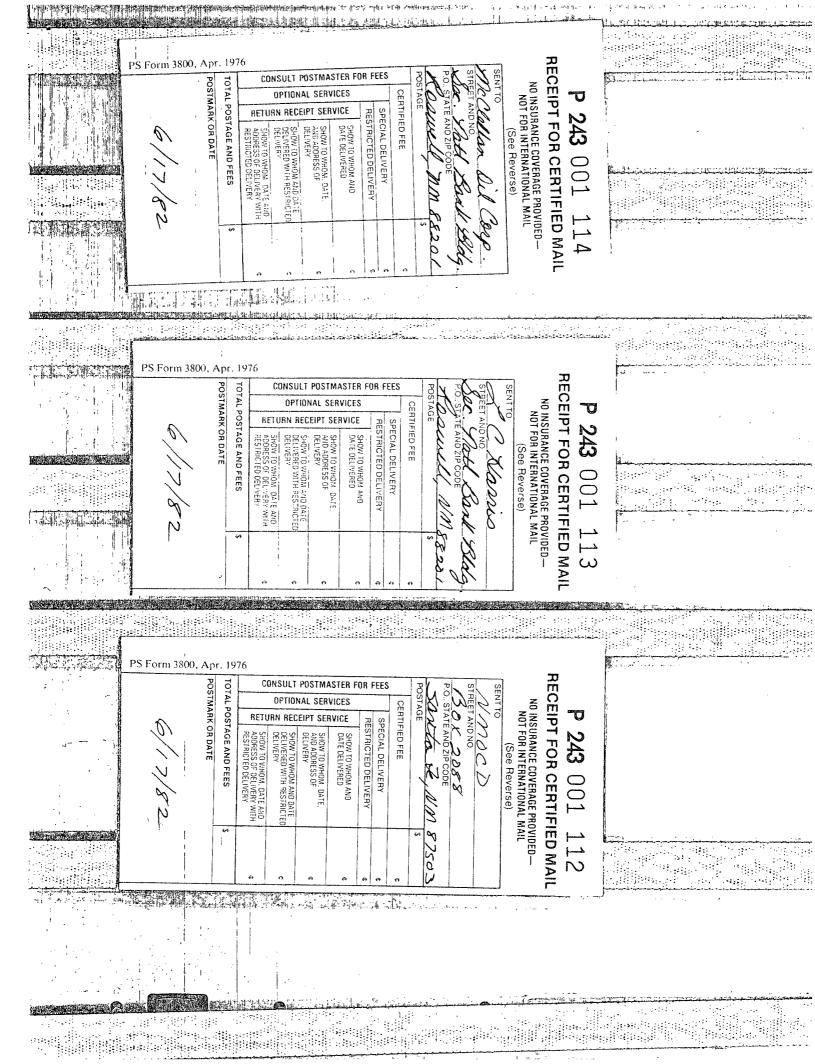
KB/dw

enclosures

cc: McClellan Oil, L. C. Harris



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BURK ROYALTY CO.	JUL 06 1982
June 30, 19	82 : OIL CONSCRATATION OF NORTH
Mr. Joe Ramey, Secretary-Director New Mexico Oil Conservation Divisi P. O. Box 2088 Santa Fe, New Mexico 87503	on
Re:	Sotol "UQ" Federal #1 Lease #NM 31186 Section 7-T15S-R30E 850' FSL and 1450' FWL Chaves County, New Mexico

Dear Mr. Ramey:

We recently received a letter from Yates Drilling Company of Artesia, New Mexico concerning the drilling of an unorthodox Queen gas well offsetting our Double "L" Queen Unit. A copy of their letter to you is enclosed.

We do not object to the drilling of this well, but we would like to have some proof from Yates Drilling Company that an archaeological site does exist to the east of the so mentioned pipeline.

Sincerely yours,

BURK ROYALTY CO.

Fred M. Lynch

FML/ks Enc.



S. P. YATES H. VINYS PRESIDENT NOISING NOILY AWARENDOATIS VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT NOISING NOILY AWARENDOATIS III SEGURATION VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT VICE PRESIDENT

207 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1331

July 6, 1982

Mr. Joe Ramey, Secretary-Director New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87503

> Re: Sotol "UQ" Federal #1 Lease #NM-31186 Section 7-T15S-R30E 850' FSL and 1450' FWL Chaves County, New Mexico

Dear Mr. Ramey,

Enclosed please find the archaeological survey on the captioned well as per your request.

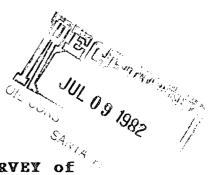
If further information is required, please don't hesistate to contact me.

Sincerely, Delibie Edilbourn

/or Ken Beardemphl Regulatory Coordinator YATES PETROLEUM CORPORATION

KB/dw

enclosure



ARCHAEOLOGICAL SURVEY of YATES PETROLEUM CORPORATION'S SOTOL "UQ" PEDERAL WELL NO. 1, CHAVES COUNTY, NEW HEXICO

GRC Report L8204a

by Robert K. Alexander, Ph.D. Senior Archaeologist and John C. Haight Project Archaeologist

GRAMD RIVER COMSULTAMTS, Inc. 3308 27th Street Lubbock, TX 79410 (806)795-9993

June 25, 1982

Prepared for:

Yates Petroleum Corporation 207 South 4th Artesia, N.M. 88220

Distribution:

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BLM - Roswell District Office (3) New Mexico SHPO - Santa Fe (1) State Archaeologist (1) Yates Petroleum Corporation (1)

CULTURAL RESOURCE EXAMINATION REPORT

on lands administered by:	2b. Case File #
Department of the Interior	X_Oil Gas Lease
Bureau of Land Management	Coal:ExplorLease
New Mexico, Roswell District	Other

- Abstract: Archaeological survey of Yates Petroleum Corporation's Sotol "UQ" Federal Well No. 1, Chaves County, New Mexico. Cultural resources found on location.
- 2. Resource Area: Roswell

Location: T15S, R30E Sec 7, SE1/4,SW1/4: 850 FSL, 1650 FWL Access Road: T15S, R30E Sec 7, SE1/4,SW1/4 and SW1/4,SW1/4

U.S.G.S. 7.5' series CEDAR POINT, N.M. 1973

3. Project Description: Well Location: 400' by 400'+ a 50' buffer Access Road: 1200' by 50' R/W

Topography: location situated in a series of closed and interconnected aeolian deflation basins known locally as the Mescalero Sands.

Vegetation: Mesquite, yucca (Y. glauca), sand sage, scrub oak, rabbit brush, and Sporobolus flexuosus.

- 4. Examination Procedure: Zig-zag transects to cover total pad area and buffer. Zig-zag transects across access road R/W.
- 5. Findings: Exhausted cores, waste flakes, and shatter from lithic reduction. Possible utilized and retouched flakes, two chert projectile points (collected). One chert biface (collected) Five Jornada Brownware sherds (one collected). One Chupadero B/W sherd (collected), one eroded fire hearth and light scatters of burned caliche cobbles. Points illustrated to actual size:

alternate ~ beveled retouch along blade

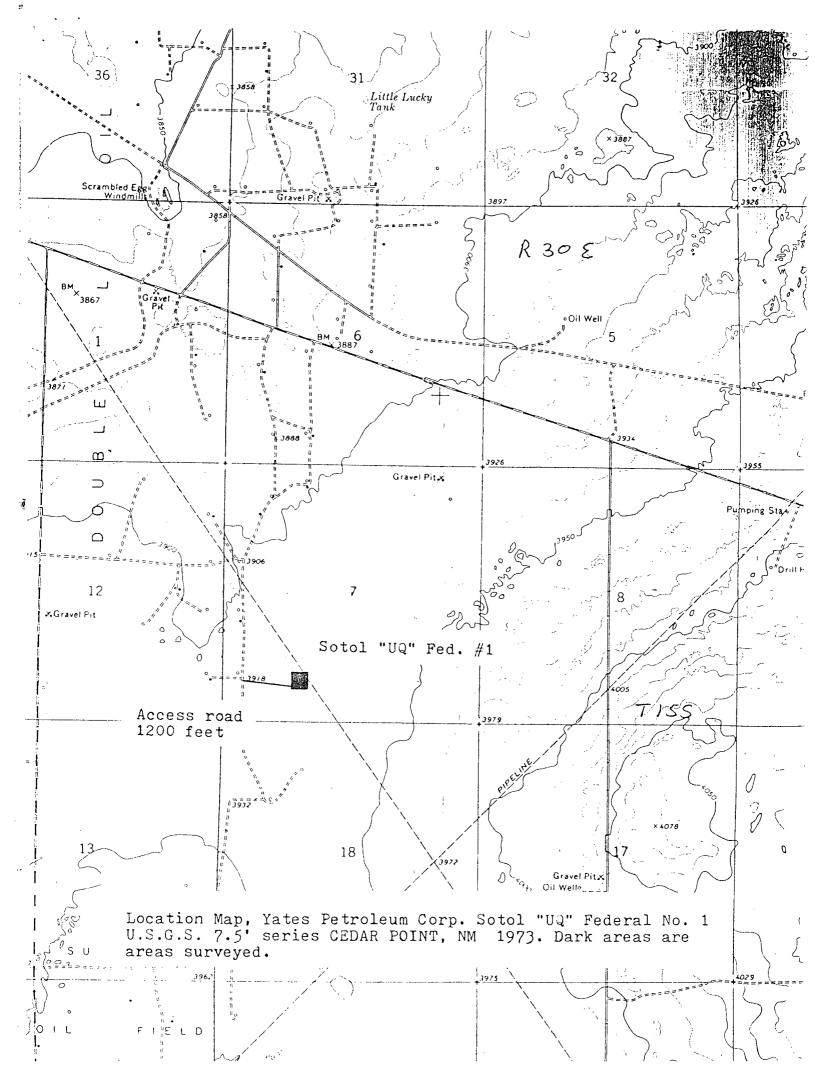
6. Recommendations: Site covers east side of location. Recommend that location be moved 200 feet west to 850 FSL, 1450 FWL. Also recommend that a section of fence be erected on east side of pad before construction begins to protect site from construction damage. No cultural resources were observed on the alternate location; therefore, we recommend that alternate location and access road be cleared for construction.

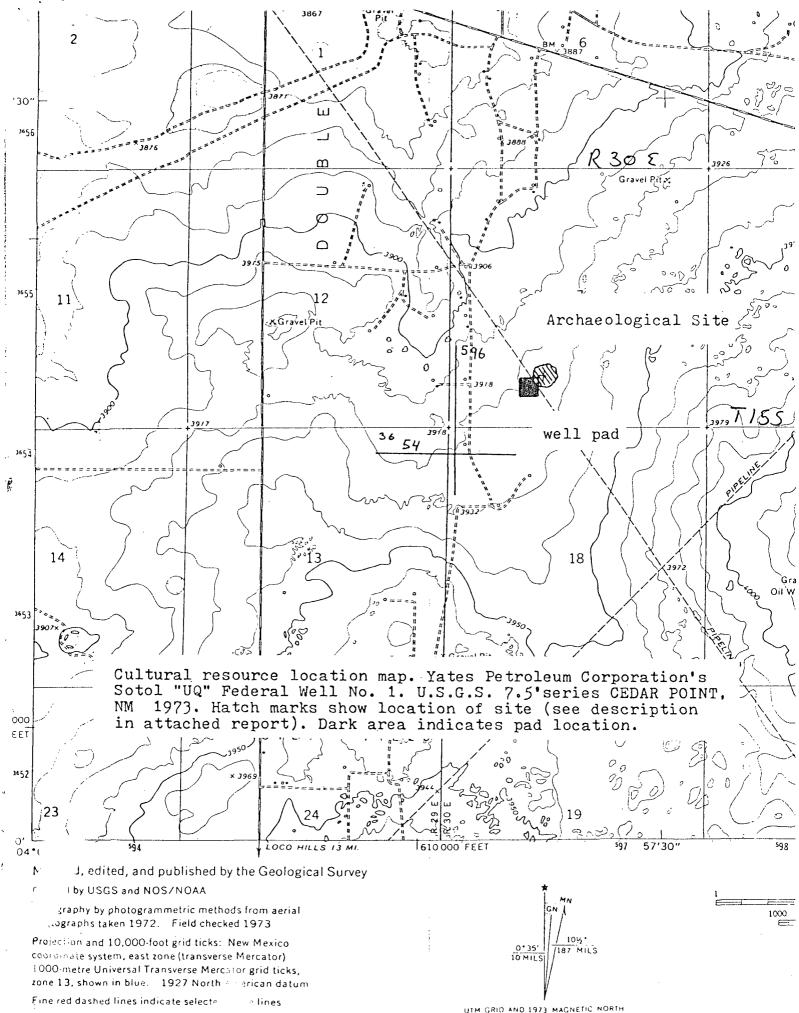
Permit # 81-NM-054

I certify that this examination complies with EO 11593.

6/15/82 Date of Examination Project Archaeglogist Principal Investigator

		WELL LOCATION		119	the second second
Operator			from the outer boundari	es of the Section.	1 1982 Well No. 1
YATES	5 PETROLEUM	CORPORATION	Sotol (JQ Feďera	1 198, 1
Unit Letter N	Section 7	Township 15 Sout	n 30 Eas	County	Chaves
Actual Footage Loo	· ·	15 5041	1 50 Eas		Chaves
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1650					tained herein is true and complete to best of my knowledge and belief. Name Position Company Date I hereby certify When the well have shawn or this plat was platted from it not soon actual suppys made by m under company supervision, and that the s is number of approver to the best of knowledge and belief.





UTM GRID AND 1973 MAGNETIC NORT DECLINATION AT CENTER OF SHEET

Grand River Consultants, Inc. ARCHAEOLOGICAL SITE DATA FORM

6/25/82

A. GENERAL INFORMATION Temporary Site No.: GRCNM 1
 Permanent Site No.: 3. Site name: 4. Project Name: Yates Petroleum Sotol 'UQ' Federal Well No. 1 5. Project funding source(s): Yates Petroleum Corporation 6. Owner and address: BLM, Roswell 7. Informant and address: none 8. Additional Sources of Information: none B. PREVIOUS INVESTIGATIONS 1. Agency/firm: 2. Activity: 3. Date: 4. Purpose: 5. Original site recorder: C. LOCATIONAL INFORMATION 1. County: Chaves 2. USGS Map Name & No.: 7.5' CEDAR POINT, NM 1973 3. Elevation: 3925 feet msl (average) 4. UTM: zone 13 Easting: 596,540 Northing: 3,654,480 5. Township/Range: T15S, R30E, Sec. ', N1/2, SE1/4, SW1/4 6. Latitude/Longitude: 7. Description of location with landmarks: Go east from existing location at 990 FSL, 330 FWL about 1,500' to well location. FIELD WORK PERFORMED D. 1. Survey: Zig-zag transects across well location and buffer zone (ca. 450' by 450') and across access road R/W (ca. 1200' by 50') 2. Testing: none 3. Excavation: none 4. Comments: none 5. Notes housed: GRC Lubbock/Roswell 6. Slides (Y/N): Y 7. Prints (B&W/Col/None): no Where housed: GRC 8. Collection techniques: none 9. Collected materials: none Where housed: N/A 12. Comments: site partially collected; site must be avoided or properly mitigated. 13. Special samples (e.g., radiocarbon; list and describe): none 14. How collected? N/A

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- E. ENVIRONMENTAL LOCATION 1. Nearest natural water source: interior drainages in Mescalero Sands 2. Distance: varies 3. Drainage basin: Pecos River Basin 4. Drainage type: internal 5. Sedimentary Origins (e.g., colluvial, aeolian): E
 6. Sedimentary Type (e.g., clay, sand): sand 7. Vegetation list (list dominant, others if known) Mesquite, yucca, scrub oak, rabbit brush, Sporobolos flexuosos 8. Ground Surface Visibility: 75% 9. Environmental setting of site: a series of deflation basins 10. Additional Comments: site has been impacted on west side by existing pipeline F. CULTURAL MANIFESTATIONS 1. At Present: 150m by 150m 2. At original occupation: unknown 3. Basis for determination: on site inspection 4. Circumstances of observation well pad survey 5. Depth of cultural deposit: probably some along deflation basin edges and bottoms. Actual depth unknown 6. Basis for determination: on site inspection 7. Time periods of occupation: Jornada-Mogollon 9. Components - Single (S), Multiple (M), Unknown (U): U 10. Basis for determination: N/A 11. Site type: unknown 12. Cultural Features: one highly eroded fire hearth. Subsurface materials possible 13. Artifactual Materials (kinds and distributions): exhausted cores, waste flakes and shatter, some possible utilized retouched flakes, two chert projectile points (collected), one chert biface (collected), five Jornada Brownware sherds (one collected), one Chupadero B/W sherd (collected), burned caliche 14. Discussion of site: site is situated in a series of deflation basins 15. Additional Comments: SITE CONDITION AND RECOMMENDATIONS G. 1. Approximate percentage of site remaining intact: probably 75% 2. Natural Impacts (e.g., erosion): blow sand may cover some features 3. Artificial Impacts: pipeline impact west side of site 4. Known or perceived future impacts: well pad/pipeline construction 5. Potential for State Archaeological Landmark (Y/N): Y 6. Potential for National Register of Historic Places (Y/N): Y 7. Significance: may yield information on use of the Mescalero Sands onvironment during ceramic times dating to perhaps 1200 A.D. Submitted? no Uncertain/unknown? H. URRENT REGISTRATION 1. State Archaeological Landmark Status: none
 - 2. National Archaeological Landmark Status: none
 - 3. Other?

GRCNM 1 (continued)

4. Recommended actions (research, managment, preservation): more complete mapping, testing and artifact analysis

I. RECORDING INFORMATION Name of Recorder: John C. Haight Firm: Grand River Consultants, Inc. Date of Field Work: 6/15/82

